

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
Oso-2-Ocean	880	100-EV	45934.00	4.85	11.19	13.28	18.24	0.021236	21.31	2155.48	457.12	1.67
Oso-2-Ocean	1018	100-EV	45934.00	5.12	11.53	14.51	21.78	0.033757	25.68	1788.95	398.58	2.14
Oso-2-Ocean	1050		Bridge									
Oso-2-Ocean	1116	100-EV	45934.00	5.13	24.87	13.18	25.37	0.000247	5.66	8111.76	731.78	0.23
Oso-2-Ocean	1146	100-EV	45934.00	5.31	24.86	13.38	25.39	0.000265	5.83	7875.58	665.01	0.24
Oso-2-Ocean	1193	100-EV	45934.00	5.51	24.79	14.65	25.49	0.000373	6.68	6877.58	736.30	0.28
Oso-2-Ocean	1241		Bridge									
Oso-2-Ocean	1337	100-EV	45934.00	5.78	25.16	14.83	25.81	0.000336	6.46	7112.70	521.72	0.27
Oso-2-Ocean	1502	100-EV	45934.00	6.05	25.02	16.13	26.09	0.000562	8.30	5537.24	383.26	0.35
Oso-2-Ocean	1855	100-EV	45934.00	7.22	23.95	20.44	27.03	0.001963	14.07	3263.78	325.74	0.67
Oso-2-Ocean	2155	100-EV	45934.00	8.21	24.06	22.18	28.01	0.003008	15.94	2881.62	254.66	0.80
Oso-2-Ocean	2455	100-EV	45934.00	8.81	25.57	22.24	28.81	0.002030	14.44	3180.84	663.78	0.69
Oso-2-Ocean	2755	100-EV	45934.00	10.29	25.96	23.33	29.59	0.002405	15.29	3005.08	358.48	0.74
Oso-2-Ocean	3055	100-EV	45934.00	10.65	26.34	24.70	30.59	0.003063	16.52	2779.95	363.47	0.82
Oso-2-Ocean	3355	100-EV	45934.00	11.94	27.20	25.64	31.55	0.003148	16.75	2743.03	386.93	0.83
Oso-2-Ocean	3655	100-EV	45934.00	13.31	27.75	27.17	32.87	0.004199	18.14	2532.53	337.32	0.93
Oso-2-Ocean	3955	100-EV	45707.00	13.95	30.05	27.72	33.96	0.002603	15.88	2878.48	434.36	0.77
Oso-2-Ocean	4255	100-EV	45707.00	14.96	30.30	29.37	35.19	0.003756	17.74	2576.97	397.50	0.90
Oso-2-Ocean	4555	100-EV	45707.00	17.04	31.03	31.03	36.75	0.004744	19.17	2383.81	442.47	1.00
Oso-2-Ocean	4855	100-EV	45707.00	17.51	33.69	31.89	37.99	0.002939	16.63	2749.29	277.80	0.82
Oso-2-Ocean	5036	100-EV	45707.00	17.96	34.12	32.62	38.64	0.002978	17.06	2679.91	273.29	0.84
Oso-2-Ocean	5048		Bridge									
Oso-2-Ocean	5248	100-EV	45707.00	19.58	37.80	34.23	41.10	0.001936	14.56	3139.80	220.97	0.68
Oso-2-Ocean	5617	100-EV	45707.00	20.93	38.47	34.86	41.83	0.001878	14.70	3108.96	506.07	0.68
Oso-2-Ocean	5917	100-EV	45707.00	21.95	38.83	35.97	42.55	0.002177	15.48	2952.77	415.94	0.73
Oso-2-Ocean	6217	100-EV	45707.00	22.81	38.98	37.45	43.59	0.003082	17.21	2656.14	401.02	0.84
Oso-2-Ocean	6517	100-EV	45707.00	23.72	39.69	38.61	44.67	0.003415	17.91	2551.36	592.04	0.89
Oso-2-Ocean	6817	100-EV	45707.00	24.71	40.58	39.66	45.73	0.003299	18.21	2510.09	394.41	0.90
Oso-2-Ocean	7118	100-EV	45707.00	25.87	40.39	41.16	47.23	0.005475	20.99	2177.82	194.44	1.10
Oso-2-Ocean	7417	100-EV	45707.00	28.34	42.80	42.80	48.80	0.004495	19.64	2327.15	239.80	1.00
Oso-2-Ocean	7746	100-EV	45707.00	28.87	45.51	43.82	50.12	0.002935	17.21	2655.99	199.74	0.83
Oso-2-Ocean	8041	100-EV	45707.00	30.32	45.68	45.80	51.57	0.004537	19.46	2348.33	326.70	0.99
Oso-2-Ocean	8307	100-EV	45707.00	30.12	48.92	45.86	52.71	0.002816	15.62	2925.61	487.80	0.73
Oso-2-Ocean	8610	100-EV	45607.00	31.35	49.65	47.01	53.67	0.003064	16.09	2834.46	281.89	0.76
Oso-2-Ocean	8910	100-EV	45607.00	33.09	50.40	48.28	54.73	0.003373	16.69	2731.89	227.41	0.80
Oso-2-Ocean	8985	100-EV	45607.00	33.38	50.81	48.44	54.99	0.003246	16.40	2780.53	201.12	0.78
Oso-2-Ocean	9085	100-EV	45607.00	34.68	50.72	49.36	55.54	0.004031	17.62	2588.92	199.16	0.86
Oso-2-Ocean	9205	100-EV	45607.00	35.29	50.90	50.10	56.14	0.003771	18.36	2484.20	240.19	0.91
Oso-2-Ocean	9517	100-EV	45346.00	36.20	52.16	51.25	57.31	0.003694	18.20	2491.42	198.00	0.90
Oso-2-Ocean	9817	100-EV	45346.00	37.04	53.72	52.14	58.37	0.003141	17.31	2620.20	199.44	0.84
Oso-2-Ocean	10117	100-EV	45346.00	39.01	54.28	53.60	59.64	0.003931	18.56	2443.50	196.90	0.93
Oso-2-Ocean	10417	100-EV	45346.00	39.73	55.53	54.98	60.97	0.004840	18.70	2425.27	197.09	0.94
Oso-2-Ocean	10717	100-EV	45346.00	40.47	57.67	55.90	62.18	0.002983	17.03	2662.84	200.85	0.82
Oso-2-Ocean	11017	100-EV	45346.00	40.61	58.49		63.14	0.003131	17.30	2621.54	199.31	0.84
Oso-2-Ocean	11317	100-EV	45346.00	43.62	58.68	58.64	64.68	0.004696	19.65	2308.20	192.89	1.00
Oso-2-Ocean	11618	100-EV	45346.00	45.04	62.29	59.70	65.93	0.002520	15.29	2965.45	226.18	0.74
Oso-2-Ocean	11991	100-EV	45346.00	47.56	63.28		66.97	0.002988	15.41	2942.71	251.11	0.78
Oso-2-Ocean	12293	100-EV	45346.00	50.16	63.58	63.14	68.42	0.004628	17.65	2569.47	239.08	0.95
Oso-2-Ocean	12592	100-EV	32088.00	50.03	68.09	60.97	69.32	0.000778	8.92	3595.74	249.90	0.41
Chiq-2-Oso	13088	100-EV	31315.00	53.14	67.15	65.27	70.68	0.002936	15.07	2077.30	181.42	0.79
Chiq-2-Oso	13427	100-EV	31315.00	55.69	64.93	67.22	73.01	0.012176	22.81	1372.92	183.90	1.47
Chiq-2-Oso	13428		Bridge									
Chiq-2-Oso	13595	100-EV	31315.00	57.59	75.67	70.85	78.28	0.001875	12.96	2417.17	213.20	0.59
Chiq-2-Oso	13772	100-EV	31315.00	56.94	76.44	70.77	78.68	0.001550	12.03	2603.35	235.04	0.54
Chiq-2-Oso	13964	100-EV	31315.00	59.29	77.04	71.26	79.04	0.001433	11.37	2755.03	188.27	0.52
Chiq-2-Oso	13965		Bridge									
Chiq-2-Oso	14166	100-EV	31315.00	59.38	77.49	71.82	79.53	0.001450	11.48	2728.11	187.06	0.53
Chiq-2-Oso	14277	100-EV	31315.00	61.13	77.41	73.08	79.98	0.001970	12.86	2434.61	176.22	0.61
Chiq-2-Oso	14485	100-EV	31315.00	61.96	79.72	71.18	80.67	0.000605	7.83	4005.64	291.21	0.35
Chiq-2-Oso	14486		Bridge									
Chiq-2-Oso	15118	100-EV	31315.00	67.83	81.29	76.17	82.24	0.004256	7.83	4000.00	395.62	0.43
Chiq-2-Oso	15581	100-EV	31315.00	68.33	83.82	79.13	85.39	0.009578	10.04	3119.23	280.22	0.53
Chiq-2-Oso	16031	100-EV	31315.00	71.92	87.31	80.99	87.66	0.002852	4.69	6670.58	865.68	0.30
Chiq-2-Oso	16381	100-EV	31315.00	72.46	88.31	83.44	88.69	0.002985	4.94	6336.38	771.20	0.30
Chiq-2-Oso	16902	100-EV	31315.00	74.69	89.97	84.95	90.72	0.004672	6.96	4548.89	705.63	0.45
Chiq-2-Oso	17310	100-EV	31315.00	75.75	91.99	86.74	92.74	0.005227	7.11	4818.62	741.88	0.38
Chiq-2-Oso	17407	100-EV	31315.00	77.06	92.18	89.52	93.64	0.010153	9.81	3529.40	837.37	0.59
Chiq-2-Oso	17514	100-EV	23299.00	78.31	93.99	89.49	94.53	0.005255	6.01	4215.33	878.20	0.36
Chiq-2-Oso	17618	100-EV	23299.00	78.87	94.38	87.98	95.11	0.004915	6.96	3648.61	652.52	0.38
Chiq-2-Oso	17706	100-EV	23299.00	79.52	94.92	90.07	95.55	0.004766	6.42	3878.38	695.67	0.39
Chiq-2-Oso	18111	100-EV	23299.00	82.72	98.07		98.72	0.015046	6.43	3622.40	738.18	0.51
Chiq-2-Oso	18639	100-EV	23299.00	83.82	102.29	94.40	102.89	0.004857	6.37	3927.39	467.90	0.34
Chiq-2-Oso	19051	100-EV	23299.00	85.16	104.36	97.91	104.79	0.004320	5.48	4634.38	628.12	0.31
Chiq-2-Oso	19502	100-EV	23299.00	88.98	105.80		106.03	0.001849	3.88	6136.06	695.26	0.21
Chiq-2-Oso	19802	100-EV	23299.00	90.60	106.39		107.26	0.005764	7.54	3270.94	516.25	0.40
Chiq-2-Oso	19803		Bridge									
Chiq-2-Oso	19936	100-EV	23249.00	92.08	109.43	102.49	109.78	0.002552	5.01	5099.06	805.02	0.35
Chiq-2-Oso	20214	100-EV	23249.00	93.43	110.08		110.25	0.001000	3.32	7006.08	669.55	0.18
Chiq-2-Oso	20628	100-EV	23249.00	96.02	110.56		110.84	0.001905	4.25	5466.80	500.90	0.23
Chiq-2-Oso	20888	100-EV	23249.00	96.00	111.05		111.30	0.001621	3.99	5820.62	509.94	0.21
Chiq-2-Oso	21146	100-EV	23249.00	98.00	111.56	105.75	111.99	0.004223	5.29	4392.70	499.63	0.31

HEC-RAS Plan: PA34 Ex Profile: 100-EV (Continued)

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
Chiq-2-Oso	21446	100-EV	23249.00	98.00	112.64	107.40	113.00	0.002711	5.09	5012.35	632.39	0.29
Chiq-2-Oso	21746	100-EV	23249.00	100.10	113.51	108.95	114.22	0.005410	7.13	4079.31	767.96	0.39
Chiq-2-Oso	22046	100-EV	23249.00	102.00	114.92	109.52	115.53	0.003539	6.49	4318.29	729.73	0.35
Chiq-2-Oso	22346	100-EV	23249.00	104.00	116.11	110.54	116.64	0.003783	5.94	4349.01	657.41	0.33
Chiq-2-Oso	22646	100-EV	23249.00	106.00	117.43		118.03	0.005623	6.33	4030.67	658.45	0.36
Chiq-2-Oso	22946	100-EV	23249.00	108.00	119.34		120.00	0.007620	6.54	3679.44	695.41	0.46
Chiq-2-Oso	23246	100-EV	23080.00	108.00	121.14		121.71	0.004419	6.10	4029.13	635.32	0.35
Chiq-2-Oso	23546	100-EV	23080.00	110.12	122.60		123.23	0.005638	6.37	3794.99	715.86	0.38
Chiq-2-Oso	23846	100-EV	23080.00	110.21	124.19	118.86	124.63	0.003861	5.37	4430.95	799.14	0.36
Chiq-2-Oso	24146	100-EV	23080.00	112.00	125.45		125.94	0.004829	5.69	4317.55	838.45	0.36
Chiq-2-Oso	24446	100-EV	23080.00	112.90	127.00	122.68	127.60	0.006151	6.39	3878.16	849.06	0.41
Chiq-2-Oso	24746	100-EV	23080.00	116.00	129.12		129.84	0.008938	6.85	3448.23	528.97	0.44
Chiq-2-Oso	25047	100-EV	23080.00	116.00	132.14		132.88	0.011505	6.91	3339.79	489.76	0.47
Chiq-2-Oso	25346	100-EV	23080.00	118.00	134.89		135.41	0.006376	5.78	3991.08	482.64	0.35
Chiq-2-Oso	25646	100-EV	23080.00	118.00	136.78		137.20	0.005513	5.17	4466.57	579.04	0.33
Chiq-2-Oso	25776	100-EV	23080.00	120.00	137.24		137.87	0.003968	6.36	3630.09	445.34	0.39
Chiq-2-Oso	25976	100-EV	23080.00	120.04	137.99		138.67	0.003926	6.61	3493.38	418.69	0.40
Chiq-2-Oso	26177	100-EV	23080.00	122.00	139.17		139.83	0.009186	6.53	3532.83	477.81	0.42
Chiq-2-Oso	26377	100-EV	23080.00	122.01	140.14		140.76	0.002776	6.30	3662.05	518.50	0.42
Chiq-2-Oso	26574	100-EV	23080.00	124.00	141.12		141.62	0.007539	5.68	4064.92	603.29	0.39
Chiq-2-Oso	26777	100-EV	23080.00	125.60	142.25		142.67	0.003727	5.19	4445.34	529.97	0.32
Chiq-2-Oso	26976	100-EV	23080.00	126.00	142.87		143.30	0.002690	5.25	4399.39	426.76	0.29
Chiq-2-Oso	27176	100-EV	23080.00	126.06	143.41	136.67	143.92	0.003367	5.76	4007.50	382.20	0.31
Chiq-2-Oso	27377	100-EV	23080.00	128.00	144.05		144.67	0.003776	6.34	3639.49	342.38	0.34
Chiq-2-Oso	27634	100-EV	23080.00	130.00	145.16	139.34	145.85	0.005493	6.66	3467.43	332.39	0.36
Chiq-2-Oso	28108	100-EV	22933.00	137.55	148.69		149.95	0.014024	9.02	2542.51	323.28	0.57
Chiq-2-Oso	28574	100-EV	22933.00	142.00	154.02	149.46	154.89	0.008156	7.49	3062.09	312.14	0.42
Chiq-2-Oso	28989	100-EV	22933.00	145.55	157.41		158.47	0.008837	8.32	2993.40	610.84	0.47
Chiq-2-Oso	29265	100-EV	22933.00	145.81	159.72		160.47	0.005876	6.98	3286.89	452.37	0.46
Chiq-2-Oso	29412	100-EV	22933.00	148.00	160.64		161.61	0.008563	7.89	2907.89	433.49	0.54
Chiq-2-Oso	29413		Bridge									
Chiq-2-Oso	29539	100-EV	22933.00	148.57	161.88	157.41	163.03	0.011499	8.60	2668.17	261.56	0.47
Chiq-2-Oso	30015	100-EV	22933.00	150.03	165.38		165.70	0.002857	4.57	5022.39	510.98	0.26
Chiq-2-Oso	30509	100-EV	22933.00	156.61	167.35		167.88	0.007116	5.89	3895.68	798.45	0.47
Chiq-2-Oso	30610	100-EV	22933.00	158.00	168.03		168.50	0.005222	5.49	4175.24	826.19	0.43
Chiq-2-Oso	30711	100-EV	22933.00	158.00	168.61	164.95	169.01	0.004707	5.06	4528.99	967.42	0.41
Chiq-2-Oso	30812	100-EV	22933.00	160.00	169.06		169.58	0.005999	5.75	3986.99	889.68	0.48
Chiq-2-Oso	30920	100-EV	22933.00	159.74	169.67		170.21	0.005557	5.90	3886.29	834.06	0.47
Chiq-2-Oso	31022	100-EV	22933.00	161.99	170.25		170.85	0.006679	6.22	3689.52	892.39	0.54
Chiq-2-Oso	31131	100-EV	22933.00	162.00	171.01		171.55	0.006019	5.87	3905.14	732.85	0.45
Chiq-2-Oso	31231	100-EV	22933.00	162.00	171.62		172.17	0.006372	5.95	3853.93	742.36	0.46
Chiq-2-Oso	31338	100-EV	22933.00	162.60	172.43		172.99	0.009391	5.98	3835.97	764.41	0.47
Chiq-2-Oso	31441	100-EV	22933.00	163.95	173.24		173.91	0.008028	5.58	3483.61	687.86	0.52
Chiq-2-Oso	31548	100-EV	22933.00	164.00	174.39		174.89	0.010045	5.70	4025.74	831.58	0.46
Chiq-2-Oso	31649	100-EV	22933.00	164.00	175.08		175.60	0.005092	5.73	3999.21	593.34	0.39
Chiq-2-Oso	31822	100-EV	22933.00	166.00	175.99		176.47	0.004964	5.59	4104.75	565.57	0.37
Chiq-2-Oso	31823		Bridge									
Chiq-2-Oso	32068	100-EV	22933.00	167.75	177.29	174.39	177.94	0.007552	6.46	3550.92	529.66	0.44
Chiq-2-Oso	32250	100-EV	22933.00	168.00	178.57		179.17	0.005945	6.18	3708.47	530.42	0.41
Chiq-2-Oso	32351	100-EV	22933.00	168.00	179.20		179.77	0.005956	6.07	3777.75	528.83	0.40
Chiq-2-Oso	32455	100-EV	22933.00	169.50	179.80		180.46	0.006775	6.50	3526.06	498.12	0.43
Chiq-2-Oso	32498	100-EV	22933.00	170.00	180.09		180.75	0.006849	6.54	3506.58	490.00	0.43
Chiq-2-Oso	32545	100-EV	22933.00	170.00	180.40		181.07	0.006608	6.55	3500.41	477.32	0.43
Chiq-2-Oso	32645	100-EV	22933.00	170.00	181.05		181.67	0.005373	6.28	3651.00	469.83	0.40
Chiq-2-Oso	32745	100-EV	22933.00	170.00	181.59		182.27	0.006220	6.58	3484.10	466.27	0.42
Chiq-2-Oso	32846	100-EV	22933.00	171.90	182.28		182.82	0.004771	5.90	3885.53	502.19	0.37
Chiq-2-Oso	32947	100-EV	22933.00	172.00	182.79		183.25	0.003590	5.42	4232.97	553.80	0.35
Chiq-2-Oso	33047	100-EV	22933.00	172.04	183.15		183.70	0.004947	5.93	3869.22	569.12	0.40
Chiq-2-Oso	33145	100-EV	22933.00	173.72	183.64		184.21	0.005396	6.02	3809.33	585.96	0.42
Chiq-2-Oso	33245	100-EV	22933.00	174.00	184.18		184.76	0.005501	6.09	3765.14	555.29	0.41
Chiq-2-Oso	33353	100-EV	22933.00	174.00	184.76		185.40	0.006025	6.42	3570.54	487.35	0.42
Chiq-2-Oso	33459	100-EV	22000.00	174.00	185.41		185.99	0.005154	6.11	3597.89	473.28	0.39
Chiq-2-Oso	33570	100-EV	22000.00	174.42	186.06		186.52	0.004202	5.43	4051.70	677.30	0.39
Chiq-2-Oso	33670	100-EV	22000.00	176.00	186.58		187.00	0.005424	5.22	4212.54	726.03	0.38
Chiq-2-Oso	33774	100-EV	22000.00	176.00	187.08		187.44	0.003255	4.79	4592.22	708.93	0.33
Chiq-2-Oso	33879	100-EV	22000.00	178.00	187.43		187.77	0.003064	4.69	4695.47	703.85	0.32
Chiq-2-Oso	33993	100-EV	22000.00	178.00	187.78		188.13	0.003185	4.73	4653.61	712.56	0.33
Chiq-2-Oso	34096	100-EV	22000.00	178.20	188.11		188.49	0.003700	4.99	4406.64	740.14	0.36
Chiq-2-Oso	34196	100-EV	22000.00	180.00	188.49		188.91	0.004498	5.21	4221.64	761.16	0.39
Chiq-2-Oso	34297	100-EV	22000.00	180.00	188.97		189.31	0.003461	4.70	4678.75	758.93	0.33
Chiq-2-Oso	34400	100-EV	22000.00	181.95	189.38		189.75	0.005075	4.84	4543.25	821.58	0.36
Chiq-2-Oso	34504	100-EV	22000.00	182.00	189.90	186.84	190.27	0.004985	4.89	4498.79	796.54	0.36
Chiq-2-Oso	34605	100-EV	22000.00	182.00	190.39		190.74	0.004269	4.72	4657.35	783.70	0.34
Chiq-2-Oso	34701	100-EV	22000.00	182.00	190.79		191.28	0.006505	5.61	3918.68	713.97	0.42
Chiq-2-Oso	34806	100-EV	22000.00	184.00	191.47		191.92	0.005598	5.39	4078.57	727.76	0.40
Chiq-2-Oso	34913	100-EV	22000.00	184.00	192.07		192.58	0.006433	5.74	3830.90	755.03	0.45
Chiq-2-Oso	35015	100-EV	22000.00	186.00	192.73		193.24	0.006423	5.72	3846.44	751.61	0.45
Chiq-2-Oso	35121	100-EV	22000.00	185.94	193.41	191.39	193.98	0.007279	6.08	3619.50	715.07	0.48
Gober-2-Chiq	35233	100-EV	21828.00	188.22	195.19	195.19	196.84	0.040737	10.31	2117.13	646.54	1.00
Gober-2-Chiq	35352	100-EV	21828.00	188.49	198.29		198.91	0.008764	6.31	3460.88	652.86	0.48
Gober-2-Chiq	35450	100-EV	21828.00	188.52	199.18		199.80	0.009452	6.32	3453.47	660.81	0.49

HEC-RAS Plan: PA34 Ex Profile: 100-EV (Continued)

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
Gober-2-Chiq	35557	100-EV	21828.00	188.99	200.14		200.78	0.008774	6.42	3398.99	599.38	0.48
Gober-2-Chiq	35662	100-EV	21828.00	189.34	201.07		201.80	0.010342	6.83	3196.04	550.23	0.50
Gober-2-Chiq	35759	100-EV	21828.00	190.03	202.13		202.86	0.011594	6.85	3184.88	559.73	0.51
Gober-2-Chiq	35866	100-EV	21828.00	191.60	203.42		203.93	0.008429	5.72	3815.69	691.79	0.43
Gober-2-Chiq	35974	100-EV	21828.00	193.08	204.21		204.72	0.006316	5.72	3816.14	752.99	0.45
Gober-2-Chiq	36074	100-EV	21828.00	194.66	204.88		205.42	0.007505	5.87	3718.67	828.24	0.49
Gober-2-Chiq	36175	100-EV	21828.00	195.04	205.53		206.23	0.007680	6.73	3241.59	801.46	0.59
Gober-2-Chiq	36278	100-EV	21828.00	195.52	206.31		207.05	0.007965	6.91	3159.49	771.71	0.60
Gober-2-Chiq	36376	100-EV	21828.00	195.54	207.37		208.08	0.014172	6.74	3237.37	690.04	0.55
Gober-2-Chiq	36479	100-EV	21828.00	195.78	208.71		209.30	0.009970	6.18	3531.36	667.05	0.47
Gober-2-Chiq	36580	100-EV	21828.00	196.00	209.53		210.13	0.006901	6.20	3520.60	540.09	0.43
Gober-2-Chiq	36681	100-EV	21828.00	196.32	210.04		210.68	0.004239	6.45	3382.60	474.47	0.43
Gober-2-Chiq	36781	100-EV	21828.00	196.75	210.60		211.19	0.005879	6.16	3543.18	497.27	0.41
Gober-2-Chiq	36882	100-EV	21828.00	196.83	211.16		211.74	0.005249	6.14	3555.44	474.40	0.40
Gober-2-Chiq	36982	100-EV	21828.00	197.40	211.68		212.18	0.003529	5.69	3839.04	454.35	0.34
Gober-2-Chiq	37082	100-EV	21828.00	198.47	212.03		212.49	0.002728	5.43	4019.90	431.16	0.31
Gober-2-Chiq	37186	100-EV	21828.00	199.51	212.36		212.73	0.001872	4.93	4428.42	460.22	0.28
Gober-2-Chiq	37498	100-EV	21828.00	200.69	213.14		213.71	0.005346	6.08	3594.28	509.30	0.40
Gober-2-Chiq	37722	100-EV	21828.00	201.88	214.41		214.99	0.006066	6.12	3569.55	504.57	0.41
Gober-2-Chiq	37873	100-EV	21828.00	203.05	215.22		215.81	0.004869	6.19	3524.12	526.97	0.42
Gober-2-Chiq	38023	100-EV	21828.00	203.98	215.98		216.50	0.004200	5.80	3764.00	631.75	0.42
Gober-2-Chiq	38173	100-EV	21828.00	204.59	216.61		217.08	0.003489	5.47	3990.13	635.03	0.38
Gober-2-Chiq	38398	100-EV	21828.00	205.09	217.62		218.00	0.004750	4.93	4424.05	734.36	0.35
Gober-2-Chiq	38665	100-EV	21828.00	205.56	218.73		219.15	0.003866	5.21	4191.26	758.96	0.39
Gober-2-Chiq	38848	100-EV	21828.00	206.34	219.67		220.05	0.006275	4.93	4424.39	839.55	0.38
Gober-2-Chiq	38998	100-EV	21828.00	206.81	220.59		221.07	0.006997	5.58	3912.10	661.00	0.40
Gober-2-Chiq	39147	100-EV	21828.00	207.41	221.62		222.40	0.010051	7.08	3081.63	483.33	0.49
Gober-2-Chiq	39298	100-EV	21828.00	207.80	222.95		223.68	0.007278	6.88	3174.50	448.89	0.46
Gober-2-Chiq	39524	100-EV	20361.00	209.03	224.53		224.96	0.004226	5.30	3843.13	673.09	0.39
Bell-2-Gober	39973	100-EV	20460.00	209.49	226.48		227.28	0.005799	7.21	2838.46	449.27	0.51
Bell-2-Gober	40123	100-EV	20460.00	210.21	227.24		228.18	0.005704	7.79	2625.94	374.97	0.52
Bell-2-Gober	40273	100-EV	20460.00	210.91	228.82	225.21	229.85	0.028821	8.17	2503.32	779.27	0.80
Bell-2-Gober	40423	100-EV	20460.00	209.74	230.09		230.16	0.000448	2.13	9589.43	801.33	0.11
Bell-2-Gober	40573	100-EV	20460.00	212.87	230.16		230.22	0.000383	2.06	9938.20	809.09	0.10
Bell-2-Gober	40723	100-EV	20460.00	213.80	230.22		230.29	0.000426	2.06	9922.29	855.52	0.11
Bell-2-Gober	40873	100-EV	20460.00	215.70	230.28		230.36	0.000532	2.24	9124.79	778.96	0.12
Bell-2-Gober	41024	100-EV	20460.00	216.02	230.36		230.47	0.000779	2.66	7696.18	703.96	0.14
Bell-2-Gober	41173	100-EV	20460.00	216.47	230.46		230.66	0.001821	3.62	5656.75	698.47	0.22
Bell-2-Gober	41323	100-EV	20460.00	217.56	230.80		231.00	0.002850	3.61	5668.51	780.60	0.24
Bell-2-Gober	41473	100-EV	20460.00	218.29	231.11		231.30	0.001458	3.48	5884.57	848.95	0.23
Bell-2-Gober	41623	100-EV	20460.00	219.16	231.38		231.59	0.002511	3.69	5550.25	909.40	0.26
Bell-2-Gober	41773	100-EV	20460.00	219.29	231.76		232.00	0.002826	3.95	5179.05	733.91	0.26
Bell-2-Gober	41923	100-EV	20460.00	221.44	232.26		232.50	0.004054	3.99	5133.22	803.35	0.28
Bell-2-Gober	42073	100-EV	20460.00	222.82	232.78		233.04	0.003148	4.10	4986.75	802.75	0.29
Bell-2-Gober	42223	100-EV	20460.00	224.10	233.27		233.55	0.003543	4.26	4800.54	789.75	0.30
Bell-2-Gober	42373	100-EV	20460.00	224.74	233.85		234.16	0.004571	4.43	4614.94	839.25	0.33
Bell-2-Gober	42523	100-EV	20460.00	225.01	234.50		234.77	0.003595	4.13	4954.40	724.02	0.28
Bell-2-Gober	42673	100-EV	20460.00	226.19	235.08		235.44	0.005250	4.82	4242.47	649.09	0.33
Bell-2-Gober	42823	100-EV	20460.00	226.99	235.93		236.33	0.006560	5.07	4032.66	632.73	0.35
Bell-2-Gober	42973	100-EV	20460.00	227.13	236.90		237.31	0.006472	5.14	3980.54	647.47	0.37
Bell-2-Gober	43123	100-EV	20460.00	227.89	237.90	235.21	238.44	0.008167	5.90	3466.75	642.33	0.43
Bell-2-Gober	43273	100-EV	20460.00	229.06	239.12	236.46	239.70	0.008470	6.12	3344.12	600.23	0.44
Bell-2-Gober	43423	100-EV	20460.00	229.34	240.28	237.46	240.87	0.007248	6.19	3306.95	554.80	0.43
Bell-2-Gober	43573	100-EV	20460.00	230.67	241.38		242.02	0.007875	6.43	3180.34	534.01	0.46
Bell-2-Gober	43798	100-EV	20460.00	232.80	242.99		243.63	0.006488	6.44	3177.63	485.37	0.44
Bell-2-Gober	43948	100-EV	20460.00	234.24	243.91	241.24	244.66	0.006835	6.96	2941.29	445.12	0.48
Bell-2-Gober	44098	100-EV	20460.00	236.00	240.89	242.80	247.30	0.163791	20.30	1007.65	309.83	1.98
Bell-2-Gober	44248	100-EV	20460.00	236.15	250.78	250.78	256.15	0.029451	18.59	1100.30	102.44	1.00
Bell-2-Gober	44398	100-EV	20460.00	236.42	257.09	253.89	258.81	0.009364	10.52	1944.89	209.19	0.61
Bell-2-Gober	44548	100-EV	20460.00	237.16	259.12		259.97	0.005583	7.40	2766.04	226.21	0.37
Bell-2-Gober	44698	100-EV	20460.00	237.80	259.89		260.98	0.007031	8.36	2448.08	189.00	0.41
Bell-2-Gober	44848	100-EV	20460.00	238.85	261.02		262.17	0.008738	8.59	2382.09	209.90	0.45
Bell-2-Gober	44998	100-EV	20460.00	240.02	262.43		262.89	0.002603	5.44	3762.39	302.97	0.27
Bell-2-Gober	45147	100-EV	20460.00	240.50	262.77		263.17	0.001387	5.08	4028.64	264.39	0.23
Bell-2-Gober	45298	100-EV	20460.00	242.03	262.86		263.51	0.002267	6.49	3153.31	211.53	0.30
Bell-2-Gober	45373	100-EV	20460.00	242.71	262.90		263.77	0.002885	7.47	2738.42	181.69	0.34
Bell-2-Gober	45523	100-EV	20352.00	243.17	263.27	255.97	264.57	0.008010	9.13	2228.44	255.04	0.49
Bell-2-Gober	45598	100-EV	20352.00	243.53	263.51	258.39	265.20	0.005907	10.43	1951.53	201.18	0.59
Bell-2-Gober	45748	100-EV	20352.00	244.54	265.20		265.72	0.001540	5.80	3507.52	281.99	0.29
Bell-2-Gober	45898	100-EV	20352.00	244.96	265.52		265.94	0.001256	5.22	3897.51	277.78	0.25
Bell-2-Gober	46048	100-EV	20352.00	245.96	265.77		266.16	0.001651	5.00	4068.71	490.45	0.31
Bell-2-Gober	46198	100-EV	20352.00	247.48	266.18		266.47	0.002574	4.38	4651.85	575.42	0.27
Bell-2-Gober	46348	100-EV	20352.00	248.35	266.60		266.79	0.001608	3.45	5902.97	621.65	0.20
Bell-2-Gober	46499	100-EV	20352.00	249.87	266.82		267.09	0.002156	4.17	4878.55	537.40	0.24
Bell-2-Gober	46738	100-EV	20352.00	249.89	267.28		267.69	0.002297	5.16	3947.16	401.51	0.29
Bell-2-Gober	46739			Culvert								
Bell-2-Gober	46887	100-EV	20352.00	256.97	276.84	268.66	277.08	0.001674	3.91	5203.76	570.07	0.22
Bell-2-Gober	47024	100-EV	20352.00	257.34	277.06		277.29	0.001363	3.86	5265.94	604.61	0.23
Bell-2-Gober	47174	100-EV	20352.00	257.80	277.30		277.61	0.003095	4.41	4614.24	597.57	0.28
Bell-2-Gober	47324	100-EV	20352.00	259.75	277.77		278.12	0.003560	4.74	4292.60	577.82	0.31
Bell-2-Gober	47474	100-EV	20352.00	260.63	278.30		278.61	0.003020	4.50	4527.20	554.48	0.28

HEC-RAS Plan: PA34 Ex Profile: 100-EV (Continued)

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
Bell-2-Gober	47625	100-EV	20352.00	262.37	278.77		279.03	0.002494	4.12	4944.00	590.21	0.25
Bell-2-Gober	47774	100-EV	20352.00	263.54	279.14	274.42	279.54	0.004067	5.05	4032.55	508.55	0.32
Bell-2-Gober	47999	100-EV	20352.00	264.89	279.97	275.49	280.42	0.003689	5.38	3780.17	508.13	0.35
Bell-2-Gober	48224	100-EV	20352.00	265.54	281.02		281.91	0.011425	7.54	2699.66	373.77	0.49
Bell-2-Gober	48374	100-EV	20352.00	266.89	282.47	276.54	283.05	0.005269	6.13	3318.06	386.77	0.37
Bell-2-Gober	48524	100-EV	20352.00	267.52	283.28		283.68	0.003231	5.08	4007.05	396.18	0.28
Bell-2-Gober	48824	100-EV	20352.00	269.18	284.21		284.45	0.001991	3.91	5203.31	483.96	0.21
Bell-2-Gober	49049	100-EV	20352.00	270.00	284.63		284.90	0.001922	4.18	4866.72	510.55	0.24
Bell-2-Gober	49199	100-EV	20352.00	270.34	284.85		285.29	0.002730	5.31	3834.80	461.54	0.32
Bell-2-Gober	49425	100-EV	20352.00	271.02	285.36	280.76	286.46	0.007649	8.42	2418.13	240.37	0.47
Bell-2-Gober	49574	100-EV	20352.00	271.95	286.56		287.28	0.003805	6.79	2996.01	285.39	0.37
Bell-2-Gober	49724	100-EV	20352.00	272.53	287.37		287.76	0.002414	5.00	4068.52	394.34	0.27
Bell-2-Gober	49874	100-EV	20352.00	273.34	287.74		288.10	0.002073	4.77	4265.97	407.48	0.26
Bell-2-Gober	50025	100-EV	20352.00	274.39	288.06		288.47	0.002734	5.14	3959.66	428.54	0.30
Bell-2-Gober	50174	100-EV	20352.00	275.21	288.47		288.92	0.003207	5.42	3753.40	400.94	0.31
Bell-2-Gober	50399	100-EV	20352.00	276.20	289.26		289.66	0.003229	5.03	4045.12	443.31	0.29
Bell-2-Gober	50624	100-EV	20352.00	278.53	290.00		290.63	0.005108	6.37	3196.13	381.32	0.39
Bell-2-Gober	50774	100-EV	20352.00	278.66	290.77		291.46	0.005760	6.67	3050.27	373.70	0.41
Bell-2-Gober	50923	100-EV	20352.00	278.83	291.82	286.17	292.17	0.003641	4.73	4303.92	663.83	0.29
Bell-2-Gober	51074	100-EV	20352.00	279.20	292.44		292.68	0.003122	3.99	5100.67	647.43	0.25
Bell-2-Gober	51224	100-EV	20352.00	280.10	292.87		293.13	0.002746	4.12	4942.96	579.36	0.25
Bell-2-Gober	51374	100-EV	20352.00	280.84	293.25		293.48	0.001969	3.84	5303.01	603.70	0.23
Bell-2-Gober	51523	100-EV	20352.00	282.14	293.57		293.82	0.002580	4.01	5081.23	607.09	0.24
Bell-2-Gober	51674	100-EV	20352.00	282.40	293.99		294.28	0.003453	4.29	4739.20	622.18	0.27
Bell-2-Gober	51824	100-EV	20352.00	284.76	294.54		294.89	0.004582	4.73	4302.12	603.32	0.31
Bell-2-Gober	51974	100-EV	20352.00	285.19	295.31		295.69	0.006093	4.90	4153.42	660.58	0.34
Bell-2-Gober	52124	100-EV	20352.00	286.91	296.24		296.63	0.006401	5.01	4060.63	697.26	0.37
Bell-2-Gober	52274	100-EV	20303.00	288.33	297.17		297.61	0.006434	5.29	3839.28	678.12	0.39
Bell-2-Gober	52424	100-EV	20303.00	288.20	298.13		298.48	0.005215	4.76	4266.34	719.87	0.34
Bell-2-Gober	52649	100-EV	20303.00	287.91	299.30		299.73	0.005571	5.24	3878.31	563.23	0.35
Bell-2-Gober	52799	100-EV	20303.00	286.42	300.10		300.62	0.005723	5.77	3521.32	404.38	0.34
Bell-2-Gober	52949	100-EV	20303.00	288.72	301.02	298.18	302.37	0.015686	9.32	2177.77	258.55	0.57
Bell-2-Gober	53099	100-EV	20303.00	293.81	310.02	310.02	312.93	0.040501	13.69	1483.44	255.12	1.00
Bell-2-Gober	53249	100-EV	20303.00	295.09	314.88	314.55	318.49	0.030152	15.24	1332.35	163.14	0.94
Bell-2-Gober	53399	100-EV	20303.00	295.63	317.84	312.45	321.10	0.010553	14.49	1401.20	84.74	0.63
Bell-2-Gober	53549	100-EV	20303.00	295.56	318.83	318.83	325.80	0.038904	21.18	958.54	68.82	1.00
Bell-2-Gober	53698	100-EV	20303.00	298.25	329.09	319.10	329.76	0.007039	6.60	3077.06	491.55	0.42
Bell-2-Gober	53849	100-EV	20303.00	299.93	330.24	320.00	330.75	0.005496	5.72	3550.79	475.56	0.35
Bell-2-Gober	54074	100-EV	20303.00	301.13	331.25	326.24	331.66	0.003056	5.12	3966.26	487.90	0.32
Bell-2-Gober	54223	100-EV	20303.00	302.84	331.84	320.09	332.08	0.002365	3.90	5212.35	519.13	0.21
Bell-2-Gober	54374	100-EV	20303.00	304.06	332.17		332.36	0.001480	3.46	5865.35	510.74	0.18
Bell-2-Gober	54524	100-EV	20303.00	306.83	332.40		332.60	0.001676	3.57	5683.43	515.15	0.19
Bell-2-Gober	54674	100-EV	20303.00	308.44	332.65		332.80	0.001063	3.10	6545.13	510.68	0.15
Bell-2-Gober	54824	100-EV	20303.00	310.33	332.80		332.95	0.000944	3.19	6372.88	468.56	0.15
Bell-2-Gober	54974	100-EV	20303.00	311.13	332.95		333.09	0.000839	3.03	6704.24	487.80	0.14
Bell-2-Gober	55124	100-EV	20303.00	312.49	333.06		333.22	0.000836	3.19	6372.35	475.64	0.15
Bell-2-Gober	55274	100-EV	20303.00	315.42	333.20		333.34	0.000804	3.08	6600.66	484.16	0.15
Bell-2-Gober	55424	100-EV	20303.00	314.72	333.31		333.49	0.001132	3.40	5968.25	460.42	0.17
Bell-2-Gober	55574	100-EV	20303.00	315.66	333.50		333.69	0.001503	3.52	5763.99	499.45	0.18
Bell-2-Gober	55724	100-EV	20303.00	317.97	333.75		333.91	0.001405	3.22	6306.33	607.48	0.18
Bell-2-Gober	55874	100-EV	20303.00	320.60	333.98		334.12	0.001387	3.08	6591.04	696.54	0.18
Bell-2-Gober	56024	100-EV	20303.00	320.81	334.19		334.34	0.001449	3.10	6540.03	730.46	0.18
Bell-2-Gober	56175	100-EV	20303.00	322.83	334.41		334.61	0.002048	3.54	5737.41	696.37	0.22
Bell-2-Gober	56323	100-EV	20303.00	323.59	334.74		335.06	0.004063	4.53	4480.28	639.72	0.30
Bell-2-Gober	56474	100-EV	20303.00	325.37	335.46		335.81	0.006041	4.79	4243.00	685.13	0.34
Bell-2-Gober	56624	100-EV	20303.00	327.40	336.41		336.82	0.007247	5.12	3962.50	731.45	0.39
Bell-2-Gober	56849	100-EV	20303.00	329.15	338.08		338.44	0.007167	4.84	4196.73	800.47	0.37
Bell-2-Gober	57074	100-EV	20303.00	329.69	339.65		340.03	0.006944	4.99	4068.35	840.92	0.40
Bell-2-Gober	57224	100-EV	20303.00	331.32	340.87		341.37	0.011065	5.65	3594.68	805.20	0.47
Bell-2-Gober	57525	100-EV	20303.00	335.36	343.68	341.17	344.07	0.007425	4.99	4066.46	850.99	0.40
Bell-2-Gober	57674	100-EV	20303.00	336.63	344.89	342.56	345.32	0.009330	5.30	3829.33	816.01	0.43
Bell-2-Gober	57899	100-EV	20303.00	339.37	346.99	345.27	347.55	0.010195	5.98	3393.60	777.52	0.50
Bell-2-Gober	58124	100-EV	20303.00	339.14	349.04	347.20	349.62	0.008326	6.09	3333.53	899.75	0.51
Bell-2-Gober	58274	100-EV	20204.00	340.86	350.31	348.96	351.16	0.011317	7.38	2736.52	745.35	0.60
UpStream-2-Bell	58874	100-EV	20300.00	346.00	358.47		359.56	0.017418	8.36	2428.87	272.01	0.49
UpStream-2-Bell	59024	100-EV	20300.00	346.05	360.91	356.30	361.81	0.012796	7.59	2674.41	274.31	0.43
UpStream-2-Bell	59325	100-EV	20300.00	350.00	364.54		365.30	0.010519	7.00	2901.93	290.31	0.39
UpStream-2-Bell	59550	100-EV	20300.00	350.00	367.07		368.03	0.013526	7.85	2585.79	261.31	0.44
UpStream-2-Bell	59699	100-EV	20300.00	352.12	369.15	364.54	370.19	0.015120	8.19	2478.94	256.82	0.46
UpStream-2-Bell	59999	100-EV	20300.00	357.84	372.80	366.31	373.64	0.008929	7.32	2774.34	227.26	0.37
UpStream-2-Bell	60149	100-EV	20300.00	366.00	374.37	373.91	377.03	0.064213	13.10	1549.26	236.19	0.90
UpStream-2-Bell	60374	100-EV	20300.00	368.00	381.79		382.01	0.010344	3.83	5304.28	1311.94	0.34
UpStream-2-Bell	60599	100-EV	20300.00	370.00	383.98		384.17	0.008841	3.43	5923.41	1538.86	0.31
UpStream-2-Bell	60750	100-EV	20300.00	372.00	385.35		385.59	0.009915	3.93	5165.29	1189.27	0.33
UpStream-2-Bell	60921	100-EV	20300.00	374.00	386.80		387.00	0.006869	3.62	5603.43	1106.66	0.28
UpStream-2-Bell	61123	100-EV	20300.00	376.00	388.19		388.42	0.007075	3.80	5337.08	1001.77	0.29
UpStream-2-Bell	61295	100-EV	20300.00	377.16	389.72	385.21	390.06	0.012964	4.70	4323.53	933.24	0.38

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
Oso-2-Ocean	880	100-EV	45934.00	4.85	15.34	13.28	17.42	0.003001	11.58	3968.23	525.39	0.69
Oso-2-Ocean	1018	100-EV	45934.00	5.12	15.23	14.49	18.26	0.004748	13.97	3288.57	412.24	0.87
Oso-2-Ocean	1050		Bridge									
Oso-2-Ocean	1116	100-EV	45934.00	5.13	24.87	13.18	25.37	0.000247	5.66	8111.76	731.78	0.23
Oso-2-Ocean	1146	100-EV	45934.00	5.31	24.86	13.38	25.39	0.000265	5.83	7875.66	665.01	0.24
Oso-2-Ocean	1193	100-EV	45934.00	5.51	24.80	14.65	25.49	0.000373	6.68	6877.65	736.30	0.28
Oso-2-Ocean	1241		Bridge									
Oso-2-Ocean	1337	100-EV	45934.00	5.78	25.16	14.83	25.81	0.000336	6.46	7112.77	521.72	0.27
Oso-2-Ocean	1502	100-EV	45934.00	6.05	25.02	16.13	26.09	0.000562	8.30	5537.29	383.26	0.35
Oso-2-Ocean	1855	100-EV	45934.00	7.22	23.95	20.44	27.03	0.001963	14.07	3263.83	325.75	0.67
Oso-2-Ocean	2155	100-EV	45934.00	8.21	24.06	22.18	28.01	0.003008	15.94	2881.67	254.71	0.80
Oso-2-Ocean	2455	100-EV	45934.00	8.81	25.57	22.24	28.81	0.002030	14.44	3180.86	663.78	0.69
Oso-2-Ocean	2755	100-EV	45934.00	10.29	25.96	23.33	29.59	0.002405	15.29	3005.10	358.48	0.74
Oso-2-Ocean	3055	100-EV	45934.00	10.65	26.34	24.70	30.59	0.003063	16.52	2779.96	363.47	0.82
Oso-2-Ocean	3355	100-EV	45934.00	11.94	27.20	25.64	31.55	0.003148	16.75	2743.03	386.93	0.83
Oso-2-Ocean	3655	100-EV	45934.00	13.31	27.75	27.17	32.87	0.004199	18.14	2532.54	337.32	0.93
Oso-2-Ocean	3955	100-EV	45707.00	13.95	30.05	27.72	33.96	0.002603	15.88	2878.48	434.36	0.77
Oso-2-Ocean	4255	100-EV	45707.00	14.96	30.30	29.37	35.19	0.003756	17.74	2576.97	397.50	0.90
Oso-2-Ocean	4555	100-EV	45707.00	17.04	31.03	31.03	36.75	0.004744	19.17	2383.81	442.47	1.00
Oso-2-Ocean	4855	100-EV	45707.00	17.51	33.69	31.89	37.99	0.002939	16.63	2749.29	277.80	0.82
Oso-2-Ocean	5036	100-EV	45707.00	17.96	34.12	32.62	38.64	0.002978	17.06	2679.91	273.29	0.84
Oso-2-Ocean	5048		Bridge									
Oso-2-Ocean	5248	100-EV	45707.00	19.58	37.80	34.23	41.10	0.001936	14.56	3139.79	220.97	0.68
Oso-2-Ocean	5617	100-EV	45707.00	20.93	38.47	34.86	41.83	0.001878	14.70	3109.16	506.09	0.68
Oso-2-Ocean	5917	100-EV	45707.00	21.95	38.83	35.97	42.55	0.002177	15.48	2952.95	415.95	0.73
Oso-2-Ocean	6217	100-EV	45707.00	22.81	38.98	37.45	43.59	0.003082	17.21	2656.29	401.03	0.84
Oso-2-Ocean	6517	100-EV	45707.00	23.72	39.69	38.61	44.67	0.003414	17.91	2551.45	592.05	0.89
Oso-2-Ocean	6817	100-EV	45707.00	24.71	40.58	39.66	45.73	0.003299	18.21	2510.15	394.42	0.90
Oso-2-Ocean	7118	100-EV	45707.00	25.87	41.16	41.16	47.16	0.004432	19.64	2326.70	225.63	1.00
Oso-2-Ocean	7417	100-EV	45707.00	28.34	42.80	42.80	48.80	0.004495	19.64	2327.15	239.80	1.00
Oso-2-Ocean	7746	100-EV	45707.00	28.87	45.51	43.82	50.12	0.002935	17.21	2655.99	199.74	0.83
Oso-2-Ocean	8041	100-EV	45707.00	30.32	45.68	45.60	51.57	0.004537	19.46	2348.33	326.70	0.99
Oso-2-Ocean	8307	100-EV	45707.00	30.12	48.92	45.86	52.71	0.002816	15.62	2925.61	487.80	0.73
Oso-2-Ocean	8610	100-EV	45607.00	31.35	49.65	47.01	53.67	0.003064	16.09	2834.46	281.89	0.76
Oso-2-Ocean	8910	100-EV	45607.00	33.09	50.40	48.28	54.73	0.003373	16.69	2731.89	227.41	0.80
Oso-2-Ocean	8985	100-EV	45607.00	33.38	50.81	48.44	54.99	0.003246	16.40	2780.53	201.12	0.78
Oso-2-Ocean	9085	100-EV	45607.00	34.68	50.72	49.36	55.54	0.004031	17.62	2588.92	199.16	0.86
Oso-2-Ocean	9205	100-EV	45607.00	35.29	50.90	50.10	56.14	0.003771	18.36	2484.20	240.19	0.91
Oso-2-Ocean	9517	100-EV	45346.00	36.20	52.16	51.25	57.31	0.003694	18.20	2491.42	198.00	0.90
Oso-2-Ocean	9817	100-EV	45346.00	37.04	53.72	52.14	58.37	0.003141	17.31	2620.20	199.44	0.84
Oso-2-Ocean	10117	100-EV	45346.00	39.01	54.28	53.60	59.64	0.003931	18.56	2443.50	196.90	0.93
Oso-2-Ocean	10417	100-EV	45346.00	39.73	55.53	54.98	60.97	0.004840	18.70	2425.27	197.09	0.94
Oso-2-Ocean	10717	100-EV	45346.00	40.47	57.67	55.90	62.18	0.002983	17.03	2662.84	200.85	0.82
Oso-2-Ocean	11017	100-EV	45346.00	40.61	58.49		63.14	0.003131	17.30	2621.54	199.31	0.84
Oso-2-Ocean	11317	100-EV	45346.00	43.62	58.68	58.64	64.68	0.004696	19.65	2308.20	192.89	1.00
Oso-2-Ocean	11618	100-EV	45346.00	45.04	62.29	59.70	65.93	0.002520	15.29	2965.45	226.18	0.74
Oso-2-Ocean	11991	100-EV	45346.00	47.56	63.28		66.97	0.002988	15.41	2942.71	215.00	0.78
Oso-2-Ocean	12293	100-EV	45346.00	50.16	63.58	63.14	68.42	0.004628	17.65	2569.47	239.08	0.95
Oso-2-Ocean	12592	100-EV	32088.00	50.03	68.09		69.32	0.000778	8.92	3595.74	249.90	0.41
Chiq-2-Oso	13088	100-EV	31315.00	53.14	67.15		70.68	0.002936	15.07	2077.30	181.42	0.79
Chiq-2-Oso	13427	100-EV	31315.00	55.69	68.09	67.22	71.99	0.003769	15.85	1975.53	197.93	0.88
Chiq-2-Oso	13428		Bridge									
Chiq-2-Oso	13595	100-EV	31315.00	57.59	75.67	70.85	78.28	0.001875	12.96	2417.17	213.20	0.59
Chiq-2-Oso	13772	100-EV	31315.00	56.94	76.44	70.77	78.68	0.001550	12.03	2603.41	235.05	0.54
Chiq-2-Oso	13964	100-EV	31315.00	59.29	77.04	71.26	79.04	0.001433	11.37	2755.08	188.27	0.52
Chiq-2-Oso	13965		Bridge									
Chiq-2-Oso	14166	100-EV	31315.00	59.38	77.49	71.82	79.53	0.001450	11.48	2728.15	187.06	0.53
Chiq-2-Oso	14277	100-EV	31315.00	61.13	77.41	73.08	79.98	0.001970	12.86	2434.65	176.22	0.61
Chiq-2-Oso	14485	100-EV	31315.00	61.96	79.72	71.18	80.68	0.000605	7.83	4005.68	291.22	0.35
Chiq-2-Oso	14486		Bridge									
Chiq-2-Oso	15118	100-EV	31315.00	67.83	81.29	76.17	82.24	0.004256	7.83	4000.03	395.63	0.43
Chiq-2-Oso	15581	100-EV	31315.00	68.33	83.82	79.13	85.39	0.009578	10.04	3119.24	280.22	0.53
Chiq-2-Oso	16031	100-EV	31315.00	71.92	87.31	80.99	87.66	0.002852	4.69	6670.59	865.68	0.30
Chiq-2-Oso	16381	100-EV	31315.00	72.46	88.31	83.44	88.69	0.002985	4.94	6336.38	771.20	0.30
Chiq-2-Oso	16902	100-EV	31315.00	74.69	89.97	84.95	90.72	0.004672	6.96	4548.89	705.63	0.45
Chiq-2-Oso	17310	100-EV	31315.00	75.75	91.99	86.74	92.74	0.005227	7.11	4818.62	741.88	0.38
Chiq-2-Oso	17407	100-EV	31315.00	77.06	92.18	89.52	93.64	0.010153	9.81	3529.40	837.37	0.59
Chiq-2-Oso	17514	100-EV	23299.00	78.31	93.99	89.49	94.53	0.005255	6.01	4215.33	878.20	0.36
Chiq-2-Oso	17618	100-EV	23299.00	78.87	94.38	87.98	95.11	0.004915	6.96	3648.61	652.52	0.38
Chiq-2-Oso	17706	100-EV	23299.00	79.52	94.92	90.07	95.55	0.004766	6.42	3878.38	695.67	0.39
Chiq-2-Oso	18111	100-EV	23299.00	82.72	98.07		98.72	0.015046	6.43	3622.40	738.18	0.51
Chiq-2-Oso	18639	100-EV	23299.00	83.82	102.29	94.40	102.89	0.004857	6.37	3927.39	467.90	0.34
Chiq-2-Oso	19051	100-EV	23299.00	85.16	104.36	97.91	104.79	0.004320	5.48	4634.38	628.12	0.31
Chiq-2-Oso	19502	100-EV	23299.00	88.98	105.80		106.03	0.001849	3.88	6136.06	695.26	0.21
Chiq-2-Oso	19802	100-EV	23299.00	90.60	106.39		107.26	0.005764	7.54	3270.94	516.25	0.40
Chiq-2-Oso	19803		Bridge									
Chiq-2-Oso	19936	100-EV	23249.00	92.08	109.43	102.49	109.78	0.002552	5.01	5099.06	805.02	0.35
Chiq-2-Oso	20214	100-EV	23249.00	93.43	110.08		110.25	0.001000	3.32	7006.08	669.55	0.18
Chiq-2-Oso	20628	100-EV	23249.00	96.02	110.56		110.84	0.001905	4.25	5466.80	500.90	0.23
Chiq-2-Oso	20888	100-EV	23249.00	96.00	111.05		111.30	0.001621	3.99	5820.62	509.94	0.21
Chiq-2-Oso	21146	100-EV	23249.00	98.00	111.56	105.75	111.99	0.004223	5.29	4392.70	499.63	0.31

HEC-RAS Plan: PA34 Ex Profile: 100-EV (Continued)

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
Chiq-2-Oso	21446	100-EV	23249.00	98.00	112.64	107.40	113.00	0.002711	5.09	5012.35	632.39	0.29
Chiq-2-Oso	21746	100-EV	23249.00	100.10	113.51	108.95	114.22	0.005410	7.13	4079.31	767.96	0.39
Chiq-2-Oso	22046	100-EV	23249.00	102.00	114.92	109.52	115.53	0.003539	6.49	4318.29	729.73	0.35
Chiq-2-Oso	22346	100-EV	23249.00	104.00	116.11	110.54	116.64	0.003783	5.94	4349.01	657.41	0.33
Chiq-2-Oso	22646	100-EV	23249.00	106.00	117.43		118.03	0.005623	6.33	4030.67	658.45	0.36
Chiq-2-Oso	22946	100-EV	23249.00	108.00	119.34		120.00	0.007620	6.54	3679.44	695.41	0.46
Chiq-2-Oso	23246	100-EV	23080.00	108.00	121.14		121.71	0.004419	6.10	4029.13	635.32	0.35
Chiq-2-Oso	23546	100-EV	23080.00	110.12	122.60		123.23	0.005638	6.37	3794.99	715.86	0.38
Chiq-2-Oso	23846	100-EV	23080.00	110.21	124.19	118.86	124.63	0.003861	5.37	4430.95	799.14	0.36
Chiq-2-Oso	24146	100-EV	23080.00	112.00	125.45		125.94	0.004829	5.69	4317.55	838.45	0.36
Chiq-2-Oso	24446	100-EV	23080.00	112.90	127.00	122.68	127.60	0.006151	6.39	3878.16	849.06	0.41
Chiq-2-Oso	24746	100-EV	23080.00	116.00	129.12		129.84	0.008938	6.85	3448.23	528.97	0.44
Chiq-2-Oso	25047	100-EV	23080.00	116.00	132.14		132.88	0.011505	6.91	3339.79	489.76	0.47
Chiq-2-Oso	25346	100-EV	23080.00	118.00	134.89		135.41	0.006376	5.78	3991.08	482.64	0.35
Chiq-2-Oso	25646	100-EV	23080.00	118.00	136.78		137.20	0.005513	5.17	4466.57	579.04	0.33
Chiq-2-Oso	25776	100-EV	23080.00	120.00	137.24		137.87	0.003968	6.36	3630.09	445.34	0.39
Chiq-2-Oso	25976	100-EV	23080.00	120.04	137.99		138.67	0.003926	6.61	3493.38	418.69	0.40
Chiq-2-Oso	26177	100-EV	23080.00	122.00	139.17		139.83	0.009186	6.53	3532.83	477.81	0.42
Chiq-2-Oso	26377	100-EV	23080.00	122.01	140.14		140.76	0.002776	6.30	3662.05	518.50	0.42
Chiq-2-Oso	26574	100-EV	23080.00	124.00	141.12		141.62	0.007539	5.68	4064.92	603.29	0.39
Chiq-2-Oso	26777	100-EV	23080.00	125.60	142.25		142.67	0.003727	5.19	4445.34	529.97	0.32
Chiq-2-Oso	26976	100-EV	23080.00	126.00	142.87		143.30	0.002690	5.25	4399.39	426.76	0.29
Chiq-2-Oso	27176	100-EV	23080.00	126.06	143.41	136.67	143.92	0.003367	5.76	4007.50	382.20	0.31
Chiq-2-Oso	27377	100-EV	23080.00	128.00	144.05		144.67	0.003776	6.34	3639.49	342.38	0.34
Chiq-2-Oso	27634	100-EV	23080.00	130.00	145.16	139.34	145.85	0.005493	6.66	3467.43	332.39	0.36
Chiq-2-Oso	28108	100-EV	22933.00	137.55	148.69		149.95	0.014024	9.02	2542.51	323.28	0.57
Chiq-2-Oso	28574	100-EV	22933.00	142.00	154.02	149.46	154.89	0.008156	7.49	3062.09	312.14	0.42
Chiq-2-Oso	28989	100-EV	22933.00	145.55	157.41		158.47	0.008837	8.32	2993.40	610.84	0.47
Chiq-2-Oso	29265	100-EV	22933.00	145.81	159.72		160.47	0.005876	6.98	3286.89	452.37	0.46
Chiq-2-Oso	29412	100-EV	22933.00	148.00	160.64		161.61	0.008563	7.89	2907.89	433.49	0.54
Chiq-2-Oso	29413		Bridge									
Chiq-2-Oso	29539	100-EV	22933.00	148.57	161.88	157.41	163.03	0.011499	8.60	2668.17	261.56	0.47
Chiq-2-Oso	30015	100-EV	22933.00	150.03	165.38		165.70	0.002857	4.57	5022.39	510.98	0.26
Chiq-2-Oso	30509	100-EV	22933.00	156.61	167.35		167.88	0.007116	5.89	3895.68	798.45	0.47
Chiq-2-Oso	30610	100-EV	22933.00	158.00	168.03		168.50	0.005222	5.49	4175.24	826.19	0.43
Chiq-2-Oso	30711	100-EV	22933.00	158.00	168.61	164.95	169.01	0.004707	5.06	4528.99	967.42	0.41
Chiq-2-Oso	30812	100-EV	22933.00	160.00	169.06		169.58	0.005999	5.75	3986.99	889.68	0.48
Chiq-2-Oso	30920	100-EV	22933.00	159.74	169.67		170.21	0.005557	5.90	3886.29	834.06	0.47
Chiq-2-Oso	31022	100-EV	22933.00	161.99	170.25		170.85	0.006679	6.22	3689.52	892.39	0.54
Chiq-2-Oso	31131	100-EV	22933.00	162.00	171.01		171.55	0.006019	5.87	3905.14	732.85	0.45
Chiq-2-Oso	31231	100-EV	22933.00	162.00	171.62		172.17	0.006372	5.95	3853.93	742.36	0.46
Chiq-2-Oso	31338	100-EV	22933.00	162.60	172.43		172.99	0.009391	5.98	3835.97	764.41	0.47
Chiq-2-Oso	31441	100-EV	22933.00	163.95	173.24		173.91	0.008028	6.58	3483.61	687.86	0.52
Chiq-2-Oso	31548	100-EV	22933.00	164.00	174.39		174.89	0.010045	5.70	4025.74	831.58	0.46
Chiq-2-Oso	31649	100-EV	22933.00	164.00	175.08		175.60	0.005092	5.73	3999.21	593.34	0.39
Chiq-2-Oso	31822	100-EV	22933.00	166.00	175.99		176.47	0.004964	5.59	4104.75	565.57	0.37
Chiq-2-Oso	31823		Bridge									
Chiq-2-Oso	32068	100-EV	22933.00	167.75	177.29	174.39	177.94	0.007552	6.46	3550.92	529.66	0.44
Chiq-2-Oso	32250	100-EV	22933.00	168.00	178.57		179.17	0.005945	6.18	3708.47	530.42	0.41
Chiq-2-Oso	32351	100-EV	22933.00	168.00	179.20		179.77	0.005956	6.07	3777.75	528.83	0.40
Chiq-2-Oso	32455	100-EV	22933.00	169.50	179.80		180.46	0.006775	6.50	3526.06	498.12	0.43
Chiq-2-Oso	32498	100-EV	22933.00	170.00	180.09		180.75	0.006849	6.54	3506.58	490.00	0.43
Chiq-2-Oso	32545	100-EV	22933.00	170.00	180.40		181.07	0.006608	6.55	3500.41	477.32	0.43
Chiq-2-Oso	32645	100-EV	22933.00	170.00	181.05		181.67	0.005373	6.28	3651.00	469.83	0.40
Chiq-2-Oso	32745	100-EV	22933.00	170.00	181.59		182.27	0.006220	6.58	3484.10	466.27	0.42
Chiq-2-Oso	32846	100-EV	22933.00	171.90	182.28		182.82	0.004771	5.90	3885.53	502.19	0.37
Chiq-2-Oso	32947	100-EV	22933.00	172.00	182.79		183.25	0.003590	5.42	4232.97	553.80	0.35
Chiq-2-Oso	33047	100-EV	22933.00	172.04	183.15		183.70	0.004947	5.93	3869.22	569.12	0.40
Chiq-2-Oso	33145	100-EV	22933.00	173.72	183.64		184.21	0.005396	6.02	3809.33	585.96	0.42
Chiq-2-Oso	33245	100-EV	22933.00	174.00	184.18		184.76	0.005501	6.09	3765.14	555.29	0.41
Chiq-2-Oso	33353	100-EV	22933.00	174.00	184.76		185.40	0.006025	6.42	3570.54	487.35	0.42
Chiq-2-Oso	33459	100-EV	22000.00	174.00	185.41		185.99	0.005154	6.11	3597.89	473.28	0.39
Chiq-2-Oso	33570	100-EV	22000.00	174.42	186.06		186.52	0.004202	5.43	4051.70	677.30	0.39
Chiq-2-Oso	33670	100-EV	22000.00	176.00	186.58		187.00	0.005424	5.22	4212.54	726.03	0.38
Chiq-2-Oso	33774	100-EV	22000.00	176.00	187.08		187.44	0.003255	4.79	4592.22	708.93	0.33
Chiq-2-Oso	33879	100-EV	22000.00	178.00	187.43		187.77	0.003064	4.69	4695.47	703.85	0.32
Chiq-2-Oso	33993	100-EV	22000.00	178.00	187.78		188.13	0.003185	4.73	4653.61	712.56	0.33
Chiq-2-Oso	34096	100-EV	22000.00	178.20	188.11		188.49	0.003700	4.99	4406.64	740.14	0.36
Chiq-2-Oso	34196	100-EV	22000.00	180.00	188.49		188.91	0.004498	5.21	4221.64	761.16	0.39
Chiq-2-Oso	34297	100-EV	22000.00	180.00	188.97		189.31	0.003461	4.70	4678.75	758.93	0.33
Chiq-2-Oso	34400	100-EV	22000.00	181.95	189.38		189.75	0.005075	4.84	4543.25	821.58	0.36
Chiq-2-Oso	34504	100-EV	22000.00	182.00	189.90	186.84	190.27	0.004985	4.89	4498.79	796.54	0.36
Chiq-2-Oso	34605	100-EV	22000.00	182.00	190.39		190.74	0.004269	4.72	4657.35	783.70	0.34
Chiq-2-Oso	34701	100-EV	22000.00	182.00	190.79		191.28	0.006505	5.61	3918.68	713.97	0.42
Chiq-2-Oso	34806	100-EV	22000.00	184.00	191.47		191.92	0.005598	5.39	4078.57	727.76	0.40
Chiq-2-Oso	34913	100-EV	22000.00	184.00	192.07		192.58	0.006433	5.74	3830.90	755.03	0.45
Chiq-2-Oso	35015	100-EV	22000.00	186.00	192.73		193.24	0.006423	5.72	3846.44	751.61	0.45
Chiq-2-Oso	35121	100-EV	22000.00	185.94	193.41		193.98	0.007279	6.08	3619.50	715.07	0.48
Gober-2-Chiq	35233	100-EV	21828.00	188.22	195.19	195.19	196.84	0.040737	10.31	2117.13	646.54	1.00
Gober-2-Chiq	35352	100-EV	21828.00	188.49	198.29		198.91	0.008764	6.31	3460.88	652.86	0.48
Gober-2-Chiq	35450	100-EV	21828.00	188.52	199.18		199.80	0.009452	6.32	3453.47	660.81	0.49

HEC-RAS Plan: PA34 Ex Profile: 100-EV (Continued)

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
Gober-2-Chiq	35557	100-EV	21828.00	188.99	200.14		200.78	0.008774	6.42	3398.99	599.38	0.48
Gober-2-Chiq	35662	100-EV	21828.00	189.34	201.07		201.80	0.010342	6.83	3196.04	550.23	0.50
Gober-2-Chiq	35759	100-EV	21828.00	190.03	202.13		202.86	0.011594	6.85	3184.88	559.73	0.51
Gober-2-Chiq	35866	100-EV	21828.00	191.60	203.42		203.93	0.008429	5.72	3815.69	691.79	0.43
Gober-2-Chiq	35974	100-EV	21828.00	193.08	204.21		204.72	0.006316	5.72	3816.14	752.99	0.45
Gober-2-Chiq	36074	100-EV	21828.00	194.66	204.88		205.42	0.007505	5.87	3718.67	828.24	0.49
Gober-2-Chiq	36175	100-EV	21828.00	195.04	205.53		206.23	0.007680	6.73	3241.59	801.46	0.59
Gober-2-Chiq	36278	100-EV	21828.00	195.52	206.31		207.05	0.007965	6.91	3159.49	771.71	0.60
Gober-2-Chiq	36376	100-EV	21828.00	195.54	207.37		208.08	0.014172	6.74	3237.37	690.04	0.55
Gober-2-Chiq	36479	100-EV	21828.00	195.78	208.71		209.30	0.009970	6.18	3531.36	667.05	0.47
Gober-2-Chiq	36580	100-EV	21828.00	196.00	209.53		210.13	0.006901	6.20	3520.60	540.09	0.43
Gober-2-Chiq	36681	100-EV	21828.00	196.32	210.04		210.68	0.004239	6.45	3382.60	474.47	0.43
Gober-2-Chiq	36781	100-EV	21828.00	196.75	210.60		211.19	0.005879	6.16	3543.18	497.27	0.41
Gober-2-Chiq	36882	100-EV	21828.00	196.83	211.16		211.74	0.005249	6.14	3555.44	474.40	0.40
Gober-2-Chiq	36982	100-EV	21828.00	197.40	211.68		212.18	0.003529	5.69	3839.04	454.35	0.34
Gober-2-Chiq	37082	100-EV	21828.00	198.47	212.03		212.49	0.002728	5.43	4019.90	431.16	0.31
Gober-2-Chiq	37186	100-EV	21828.00	199.51	212.36		212.73	0.001872	4.93	4428.42	460.22	0.28
Gober-2-Chiq	37498	100-EV	21828.00	200.69	213.14		213.71	0.005346	6.08	3594.28	509.30	0.40
Gober-2-Chiq	37722	100-EV	21828.00	201.88	214.41		214.99	0.006066	6.12	3569.55	504.57	0.41
Gober-2-Chiq	37873	100-EV	21828.00	203.05	215.22		215.81	0.004869	6.19	3524.12	526.97	0.42
Gober-2-Chiq	38023	100-EV	21828.00	203.98	215.98		216.50	0.004200	5.80	3764.00	631.75	0.42
Gober-2-Chiq	38173	100-EV	21828.00	204.59	216.61		217.08	0.003489	5.47	3990.13	635.03	0.38
Gober-2-Chiq	38398	100-EV	21828.00	205.09	217.62		218.00	0.004750	4.93	4424.05	734.36	0.35
Gober-2-Chiq	38665	100-EV	21828.00	205.56	218.73		219.15	0.003866	5.21	4191.26	758.96	0.39
Gober-2-Chiq	38848	100-EV	21828.00	206.34	219.67		220.05	0.006275	4.93	4424.39	839.55	0.38
Gober-2-Chiq	38998	100-EV	21828.00	206.81	220.59		221.07	0.006997	5.58	3912.10	661.00	0.40
Gober-2-Chiq	39147	100-EV	21828.00	207.41	221.62		222.40	0.010051	7.08	3081.63	483.33	0.49
Gober-2-Chiq	39298	100-EV	21828.00	207.80	222.95		223.68	0.007278	6.88	3174.50	448.89	0.46
Gober-2-Chiq	39524	100-EV	20361.00	209.03	224.53		224.96	0.004226	5.30	3843.13	673.09	0.39
Bell-2-Gober	39973	100-EV	20460.00	209.49	226.48		227.28	0.005799	7.21	2838.46	449.27	0.51
Bell-2-Gober	40123	100-EV	20460.00	210.21	227.24		228.18	0.005704	7.79	2625.94	374.97	0.52
Bell-2-Gober	40273	100-EV	20460.00	210.91	228.82	225.21	229.85	0.028821	8.17	2503.32	779.27	0.80
Bell-2-Gober	40423	100-EV	20460.00	209.74	230.09		230.16	0.000448	2.13	9589.43	801.33	0.11
Bell-2-Gober	40573	100-EV	20460.00	212.87	230.16		230.22	0.000383	2.06	9938.20	809.09	0.10
Bell-2-Gober	40723	100-EV	20460.00	213.80	230.22		230.29	0.000426	2.06	9922.29	855.52	0.11
Bell-2-Gober	40873	100-EV	20460.00	215.70	230.28		230.36	0.000532	2.24	9124.79	778.96	0.12
Bell-2-Gober	41024	100-EV	20460.00	216.02	230.36		230.47	0.000779	2.66	7696.18	703.96	0.14
Bell-2-Gober	41173	100-EV	20460.00	216.47	230.46		230.66	0.001821	3.62	5656.75	698.47	0.22
Bell-2-Gober	41323	100-EV	20460.00	217.56	230.80		231.00	0.002850	3.61	5668.51	780.60	0.24
Bell-2-Gober	41473	100-EV	20460.00	218.29	231.11		231.30	0.001458	3.48	5884.57	848.95	0.23
Bell-2-Gober	41623	100-EV	20460.00	219.16	231.38		231.59	0.002511	3.69	5550.25	909.40	0.26
Bell-2-Gober	41773	100-EV	20460.00	219.29	231.76		232.00	0.002826	3.95	5179.05	733.91	0.26
Bell-2-Gober	41923	100-EV	20460.00	221.44	232.26		232.50	0.004054	3.99	5133.22	803.35	0.28
Bell-2-Gober	42073	100-EV	20460.00	222.82	232.78		233.04	0.003148	4.10	4986.75	802.75	0.29
Bell-2-Gober	42223	100-EV	20460.00	224.10	233.27		233.55	0.003543	4.26	4800.54	789.75	0.30
Bell-2-Gober	42373	100-EV	20460.00	224.74	233.85		234.16	0.004571	4.43	4614.94	839.25	0.33
Bell-2-Gober	42523	100-EV	20460.00	225.01	234.50		234.77	0.003595	4.13	4954.40	724.02	0.28
Bell-2-Gober	42673	100-EV	20460.00	226.19	235.08		235.44	0.005250	4.82	4242.47	649.09	0.33
Bell-2-Gober	42823	100-EV	20460.00	226.99	235.93		236.33	0.006560	5.07	4032.66	632.73	0.35
Bell-2-Gober	42973	100-EV	20460.00	227.13	236.90		237.31	0.006472	5.14	3980.54	647.47	0.37
Bell-2-Gober	43123	100-EV	20460.00	227.89	237.90	235.21	238.44	0.008167	5.90	3466.75	642.33	0.43
Bell-2-Gober	43273	100-EV	20460.00	229.06	239.12	236.46	239.70	0.008470	6.12	3344.12	600.23	0.44
Bell-2-Gober	43423	100-EV	20460.00	229.34	240.28	237.46	240.87	0.007248	6.19	3306.95	554.80	0.43
Bell-2-Gober	43573	100-EV	20460.00	230.67	241.38		242.02	0.007875	6.43	3180.34	534.01	0.46
Bell-2-Gober	43798	100-EV	20460.00	232.80	242.99		243.63	0.006488	6.44	3177.63	485.37	0.44
Bell-2-Gober	43948	100-EV	20460.00	234.24	243.91		244.66	0.006835	6.96	2941.29	445.12	0.48
Bell-2-Gober	44098	100-EV	20460.00	236.00	244.88		246.13	0.011885	8.96	2283.12	325.82	0.60
Bell-2-Gober	44248	100-EV	20460.00	236.15	250.78	250.78	256.15	0.029451	18.59	1100.30	102.44	1.00
Bell-2-Gober	44398	100-EV	20460.00	236.42	257.09	253.89	258.81	0.009364	10.52	1944.89	209.19	0.61
Bell-2-Gober	44548	100-EV	20460.00	237.16	259.12		259.97	0.005583	7.40	2766.04	226.21	0.37
Bell-2-Gober	44698	100-EV	20460.00	237.80	259.89		260.98	0.007031	8.36	2448.08	189.00	0.41
Bell-2-Gober	44848	100-EV	20460.00	238.85	261.02		262.17	0.008738	8.59	2382.09	209.90	0.45
Bell-2-Gober	44998	100-EV	20460.00	240.02	262.43		262.89	0.002603	5.44	3762.39	302.97	0.27
Bell-2-Gober	45147	100-EV	20460.00	240.50	262.77		263.17	0.001387	5.08	4028.64	264.39	0.23
Bell-2-Gober	45298	100-EV	20460.00	242.03	262.86		263.51	0.002267	6.49	3153.31	211.53	0.30
Bell-2-Gober	45373	100-EV	20460.00	242.71	262.90		263.77	0.002885	7.47	2738.42	181.69	0.34
Bell-2-Gober	45523	100-EV	20352.00	243.17	263.27	255.97	264.57	0.008010	9.13	2228.44	255.04	0.49
Bell-2-Gober	45598	100-EV	20352.00	243.53	263.51	258.39	265.20	0.005907	10.43	1951.53	201.18	0.59
Bell-2-Gober	45748	100-EV	20352.00	244.54	265.20		265.72	0.001540	5.80	3507.52	281.99	0.29
Bell-2-Gober	45898	100-EV	20352.00	244.96	265.52		265.94	0.001256	5.22	3897.51	277.78	0.25
Bell-2-Gober	46048	100-EV	20352.00	245.96	265.77		266.16	0.001651	5.00	4068.71	490.45	0.31
Bell-2-Gober	46198	100-EV	20352.00	247.48	266.18		266.47	0.002574	4.38	4651.85	575.42	0.27
Bell-2-Gober	46348	100-EV	20352.00	248.35	266.60		266.79	0.001608	3.45	5902.97	621.65	0.20
Bell-2-Gober	46499	100-EV	20352.00	249.87	266.82		267.09	0.002156	4.17	4878.55	537.40	0.24
Bell-2-Gober	46738	100-EV	20352.00	249.89	267.28		267.69	0.002297	5.16	3947.16	401.51	0.29
Bell-2-Gober	46739			Culvert								
Bell-2-Gober	46887	100-EV	20352.00	256.97	276.84	268.66	277.08	0.001674	3.91	5203.76	570.07	0.22
Bell-2-Gober	47024	100-EV	20352.00	257.34	277.06		277.29	0.001363	3.86	5265.94	604.61	0.23
Bell-2-Gober	47174	100-EV	20352.00	257.80	277.30		277.61	0.003095	4.41	4614.24	597.57	0.28
Bell-2-Gober	47324	100-EV	20352.00	259.75	277.77		278.12	0.003560	4.74	4292.60	577.82	0.31
Bell-2-Gober	47474	100-EV	20352.00	260.63	278.30		278.61	0.003020	4.50	4527.20	554.48	0.28

HEC-RAS Plan: PA34 Ex Profile: 100-EV (Continued)

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
Bell-2-Gober	47625	100-EV	20352.00	262.37	278.77		279.03	0.002494	4.12	4944.00	590.21	0.25
Bell-2-Gober	47774	100-EV	20352.00	263.54	279.14	274.42	279.54	0.004067	5.05	4032.55	508.55	0.32
Bell-2-Gober	47999	100-EV	20352.00	264.89	279.97	275.49	280.42	0.003689	5.38	3780.17	508.13	0.35
Bell-2-Gober	48224	100-EV	20352.00	265.54	281.02		281.91	0.011425	7.54	2699.66	373.77	0.49
Bell-2-Gober	48374	100-EV	20352.00	266.89	282.47	276.54	283.05	0.005269	6.13	3318.06	386.77	0.37
Bell-2-Gober	48524	100-EV	20352.00	267.52	283.28		283.68	0.003231	5.08	4007.05	396.18	0.28
Bell-2-Gober	48824	100-EV	20352.00	269.18	284.21		284.45	0.001991	3.91	5203.31	483.96	0.21
Bell-2-Gober	49049	100-EV	20352.00	270.00	284.63		284.90	0.001922	4.18	4866.72	510.55	0.24
Bell-2-Gober	49199	100-EV	20352.00	270.34	284.85		285.29	0.002730	5.31	3834.80	461.54	0.32
Bell-2-Gober	49425	100-EV	20352.00	271.02	285.36	280.76	286.46	0.007649	8.42	2418.13	240.37	0.47
Bell-2-Gober	49574	100-EV	20352.00	271.95	286.56		287.28	0.003805	6.79	2996.01	285.39	0.37
Bell-2-Gober	49724	100-EV	20352.00	272.53	287.37		287.76	0.002414	5.00	4068.52	394.34	0.27
Bell-2-Gober	49874	100-EV	20352.00	273.34	287.74		288.10	0.002073	4.77	4265.97	407.48	0.26
Bell-2-Gober	50025	100-EV	20352.00	274.39	288.06		288.47	0.002734	5.14	3959.66	428.54	0.30
Bell-2-Gober	50174	100-EV	20352.00	275.21	288.47		288.92	0.003207	5.42	3753.40	400.94	0.31
Bell-2-Gober	50399	100-EV	20352.00	276.20	289.26		289.66	0.003229	5.03	4045.12	443.31	0.29
Bell-2-Gober	50624	100-EV	20352.00	278.53	290.00		290.63	0.005108	6.37	3196.13	381.32	0.39
Bell-2-Gober	50774	100-EV	20352.00	278.66	290.77		291.46	0.005760	6.67	3050.27	373.70	0.41
Bell-2-Gober	50923	100-EV	20352.00	278.83	291.82	286.17	292.17	0.003641	4.73	4303.92	663.83	0.29
Bell-2-Gober	51074	100-EV	20352.00	279.20	292.44		292.68	0.003122	3.99	5100.67	647.43	0.25
Bell-2-Gober	51224	100-EV	20352.00	280.10	292.87		293.13	0.002746	4.12	4942.96	579.36	0.25
Bell-2-Gober	51374	100-EV	20352.00	280.84	293.25		293.48	0.001969	3.84	5303.01	603.70	0.23
Bell-2-Gober	51523	100-EV	20352.00	282.14	293.57		293.82	0.002580	4.01	5081.23	607.09	0.24
Bell-2-Gober	51674	100-EV	20352.00	282.40	293.99		294.28	0.003453	4.29	4739.20	622.18	0.27
Bell-2-Gober	51824	100-EV	20352.00	284.76	294.54		294.89	0.004582	4.73	4302.12	603.32	0.31
Bell-2-Gober	51974	100-EV	20352.00	285.19	295.31		295.69	0.006093	4.90	4153.42	660.58	0.34
Bell-2-Gober	52124	100-EV	20352.00	286.91	296.24		296.63	0.006401	5.01	4060.63	697.26	0.37
Bell-2-Gober	52274	100-EV	20303.00	288.33	297.17		297.61	0.006434	5.29	3839.28	678.12	0.39
Bell-2-Gober	52424	100-EV	20303.00	288.20	298.13		298.48	0.005215	4.76	4266.34	719.87	0.34
Bell-2-Gober	52649	100-EV	20303.00	287.91	299.30		299.73	0.005571	5.24	3878.31	563.23	0.35
Bell-2-Gober	52799	100-EV	20303.00	286.42	300.10		300.62	0.005723	5.77	3521.32	404.38	0.34
Bell-2-Gober	52949	100-EV	20303.00	288.72	301.02		302.37	0.015686	9.32	2177.77	258.55	0.57
Bell-2-Gober	53099	100-EV	20303.00	293.81	310.02	310.02	312.93	0.040501	13.69	1483.44	255.12	1.00
Bell-2-Gober	53249	100-EV	20303.00	295.09	314.88	314.55	318.49	0.030152	15.24	1332.35	163.14	0.94
Bell-2-Gober	53399	100-EV	20303.00	295.63	317.84	312.45	321.10	0.010553	14.49	1401.20	84.74	0.63
Bell-2-Gober	53549	100-EV	20303.00	295.56	318.83	318.83	325.80	0.038904	21.18	958.54	68.82	1.00
Bell-2-Gober	53698	100-EV	20303.00	298.25	329.09	319.10	329.76	0.007039	6.60	3077.06	491.55	0.42
Bell-2-Gober	53849	100-EV	20303.00	299.93	330.24	320.00	330.75	0.005496	5.72	3550.79	475.56	0.35
Bell-2-Gober	54074	100-EV	20303.00	301.13	331.25	326.24	331.66	0.003056	5.12	3966.26	487.90	0.32
Bell-2-Gober	54223	100-EV	20303.00	302.84	331.84	320.09	332.08	0.002365	3.90	5212.35	519.13	0.21
Bell-2-Gober	54374	100-EV	20303.00	304.06	332.17		332.36	0.001480	3.46	5865.35	510.74	0.18
Bell-2-Gober	54524	100-EV	20303.00	306.83	332.40		332.60	0.001676	3.57	5683.43	515.15	0.19
Bell-2-Gober	54674	100-EV	20303.00	308.44	332.65		332.80	0.001063	3.10	6545.13	510.68	0.15
Bell-2-Gober	54824	100-EV	20303.00	310.33	332.80		332.95	0.000944	3.19	6372.88	468.56	0.15
Bell-2-Gober	54974	100-EV	20303.00	311.13	332.95		333.09	0.000839	3.03	6704.24	487.80	0.14
Bell-2-Gober	55124	100-EV	20303.00	312.49	333.06		333.22	0.000836	3.19	6372.35	475.64	0.15
Bell-2-Gober	55274	100-EV	20303.00	315.42	333.20		333.34	0.000804	3.08	6600.66	484.16	0.15
Bell-2-Gober	55424	100-EV	20303.00	314.72	333.31		333.49	0.001132	3.40	5968.25	460.42	0.17
Bell-2-Gober	55574	100-EV	20303.00	315.66	333.50		333.69	0.001503	3.52	5763.99	499.45	0.18
Bell-2-Gober	55724	100-EV	20303.00	317.97	333.75		333.91	0.001405	3.22	6306.33	607.48	0.18
Bell-2-Gober	55874	100-EV	20303.00	320.60	333.98		334.12	0.001387	3.08	6591.04	696.54	0.18
Bell-2-Gober	56024	100-EV	20303.00	320.81	334.19		334.34	0.001449	3.10	6540.03	730.46	0.18
Bell-2-Gober	56175	100-EV	20303.00	322.83	334.41		334.61	0.002048	3.54	5737.41	696.37	0.22
Bell-2-Gober	56323	100-EV	20303.00	323.59	334.74		335.06	0.004063	4.53	4480.28	639.72	0.30
Bell-2-Gober	56474	100-EV	20303.00	325.37	335.46		335.81	0.006041	4.79	4243.00	685.13	0.34
Bell-2-Gober	56624	100-EV	20303.00	327.40	336.41		336.82	0.007247	5.12	3962.50	731.45	0.39
Bell-2-Gober	56849	100-EV	20303.00	329.15	338.08		338.44	0.007167	4.84	4196.73	800.47	0.37
Bell-2-Gober	57074	100-EV	20303.00	329.69	339.65		340.03	0.006944	4.99	4068.35	840.92	0.40
Bell-2-Gober	57224	100-EV	20303.00	331.32	340.87		341.37	0.011065	5.65	3594.68	805.20	0.47
Bell-2-Gober	57525	100-EV	20303.00	335.36	343.68	341.17	344.07	0.007425	4.99	4066.46	850.99	0.40
Bell-2-Gober	57674	100-EV	20303.00	336.63	344.89	342.56	345.32	0.009330	5.30	3829.33	816.01	0.43
Bell-2-Gober	57899	100-EV	20303.00	339.37	346.99	345.27	347.55	0.010195	5.98	3393.60	777.52	0.50
Bell-2-Gober	58124	100-EV	20303.00	339.14	349.04	347.20	349.62	0.008326	6.09	3333.53	899.75	0.51
Bell-2-Gober	58274	100-EV	20204.00	340.86	350.31	348.96	351.16	0.011317	7.38	2736.52	745.35	0.60
UpStream-2-Bell	58874	100-EV	20300.00	346.00	358.47		359.56	0.017418	8.36	2428.87	272.01	0.49
UpStream-2-Bell	59024	100-EV	20300.00	346.05	360.91	356.30	361.81	0.012796	7.59	2674.41	274.31	0.43
UpStream-2-Bell	59325	100-EV	20300.00	350.00	364.54		365.30	0.010519	7.00	2901.93	290.31	0.39
UpStream-2-Bell	59550	100-EV	20300.00	350.00	367.07		368.03	0.013526	7.85	2585.79	261.31	0.44
UpStream-2-Bell	59699	100-EV	20300.00	352.12	369.15	364.54	370.19	0.015120	8.19	2478.94	256.82	0.46
UpStream-2-Bell	59999	100-EV	20300.00	357.84	372.80	366.31	373.64	0.008929	7.32	2774.34	227.26	0.37
UpStream-2-Bell	60149	100-EV	20300.00	366.00	374.37	373.91	377.03	0.064213	13.10	1549.26	236.19	0.90
UpStream-2-Bell	60374	100-EV	20300.00	368.00	381.79		382.01	0.010344	3.83	5304.28	1311.94	0.34
UpStream-2-Bell	60599	100-EV	20300.00	370.00	383.98		384.17	0.008841	3.43	5923.41	1538.86	0.31
UpStream-2-Bell	60750	100-EV	20300.00	372.00	385.35		385.59	0.009915	3.93	5165.29	1189.27	0.33
UpStream-2-Bell	60921	100-EV	20300.00	374.00	386.80		387.00	0.006869	3.62	5603.43	1106.66	0.28
UpStream-2-Bell	61123	100-EV	20300.00	376.00	388.19		388.42	0.007075	3.80	5337.08	1001.77	0.29
UpStream-2-Bell	61295	100-EV	20300.00	377.16	389.72		390.06	0.012964	4.70	4323.53	933.24	0.38

HEC-RAS Plan: NoPA5

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
UpStream-2-Bell	61295	100-EV	20300.00	377.16	389.72	385.19	390.06	0.012964	4.70	4323.53	933.24	0.38
UpStream-2-Bell	61295	50-EV	18156.00	377.16	389.28	384.86	389.61	0.011769	4.61	3939.32	812.87	0.37
UpStream-2-Bell	61295	25-EV	11896.00	377.16	387.59	383.31	387.88	0.012146	4.34	2739.44	632.73	0.37
UpStream-2-Bell	61295	10-EV	6364.00	377.16	384.52	381.89	384.84	0.014054	4.52	1406.64	340.57	0.39
UpStream-2-Bell	61295	5-EV	2205.00	377.16	382.16	380.47	382.30	0.009316	2.93	751.30	255.90	0.30
UpStream-2-Bell	61295	2-EV	626.00	377.16	380.57	378.73	380.62	0.008279	1.76	356.28	240.07	0.25
UpStream-2-Bell	61123	100-EV	20300.00	376.00	388.19		388.42	0.007075	3.80	5337.08	1001.77	0.29
UpStream-2-Bell	61123	50-EV	18156.00	376.00	387.84		388.05	0.006960	3.64	4986.53	987.13	0.29
UpStream-2-Bell	61123	25-EV	11896.00	376.00	386.06		386.25	0.007316	3.47	3428.25	756.69	0.29
UpStream-2-Bell	61123	10-EV	6364.00	376.00	382.46		382.72	0.010734	4.15	1531.70	343.26	0.35
UpStream-2-Bell	61123	5-EV	2205.00	376.00	379.71		379.91	0.022756	3.61	611.60	298.79	0.44
UpStream-2-Bell	61123	2-EV	626.00	376.00	378.26		378.37	0.023512	2.61	240.03	195.52	0.41
UpStream-2-Bell	60921	100-EV	20300.00	374.00	386.80		387.00	0.006869	3.62	5603.43	1106.66	0.28
UpStream-2-Bell	60921	50-EV	18156.00	374.00	386.46		386.65	0.006785	3.47	5236.79	1094.52	0.28
UpStream-2-Bell	60921	25-EV	11896.00	374.00	384.85		385.00	0.005202	3.19	3725.20	720.50	0.25
UpStream-2-Bell	60921	10-EV	6364.00	374.00	381.46		381.59	0.003263	2.88	2212.85	351.89	0.20
UpStream-2-Bell	60921	5-EV	2205.00	374.00	377.97		378.04	0.004823	2.16	1018.97	334.05	0.22
UpStream-2-Bell	60921	2-EV	626.00	374.00	376.25		376.28	0.005672	1.39	451.40	326.45	0.21
UpStream-2-Bell	60750	100-EV	20300.00	372.00	385.35		385.59	0.009915	3.93	5165.33	1189.28	0.33
UpStream-2-Bell	60750	50-EV	18156.00	372.00	385.02		385.24	0.010089	3.81	4768.88	1166.69	0.33
UpStream-2-Bell	60750	25-EV	11896.00	372.00	383.58		383.78	0.010188	3.61	3298.56	880.86	0.33
UpStream-2-Bell	60750	10-EV	6364.00	372.00	380.25		380.61	0.011360	4.80	1325.63	248.25	0.37
UpStream-2-Bell	60750	5-EV	2205.00	372.00	376.56		376.77	0.012604	3.66	601.91	183.29	0.36
UpStream-2-Bell	60750	2-EV	626.00	372.00	374.58		374.68	0.018087	2.53	247.85	173.53	0.37
UpStream-2-Bell	60599	100-EV	20300.00	370.00	383.98		384.17	0.008841	3.43	5923.46	1538.86	0.31
UpStream-2-Bell	60599	50-EV	18156.00	370.00	383.63		383.81	0.008797	3.36	5401.68	1439.32	0.31
UpStream-2-Bell	60599	25-EV	11896.00	370.00	382.05		382.23	0.010253	3.45	3452.72	993.57	0.33
UpStream-2-Bell	60599	10-EV	6364.00	370.00	378.29		378.67	0.014649	5.00	1272.62	272.53	0.41
UpStream-2-Bell	60599	5-EV	2205.00	370.00	374.89		375.08	0.010041	3.51	627.65	172.23	0.32
UpStream-2-Bell	60599	2-EV	626.00	370.00	372.77		372.84	0.008717	2.18	287.26	145.41	0.27
UpStream-2-Bell	60374	100-EV	20300.00	368.00	381.79		382.01	0.010343	3.83	5304.48	1311.96	0.34
UpStream-2-Bell	60374	50-EV	18156.00	368.00	381.42	375.49	381.64	0.010544	3.76	4830.85	1245.34	0.34
UpStream-2-Bell	60374	25-EV	11896.00	368.00	379.56		379.82	0.011134	4.08	2918.05	691.89	0.35
UpStream-2-Bell	60374	10-EV	6364.00	368.00	375.99		376.29	0.007862	4.39	1451.30	236.34	0.31
UpStream-2-Bell	60374	5-EV	2205.00	368.00	373.18		373.30	0.006229	2.74	804.57	223.80	0.25
UpStream-2-Bell	60374	2-EV	626.00	368.00	371.27		371.31	0.005375	1.62	387.12	213.39	0.21
UpStream-2-Bell	60149	100-EV	20300.00	366.00	374.37	373.91	377.03	0.064240	13.10	1549.05	236.18	0.90
UpStream-2-Bell	60149	50-EV	18156.00	366.00	373.55	373.43	376.33	0.077104	13.36	1359.23	231.15	0.97
UpStream-2-Bell	60149	25-EV	11896.00	366.00	371.93	371.93	374.16	0.088845	11.99	992.46	221.27	1.00
UpStream-2-Bell	60149	10-EV	6364.00	366.00	370.32	370.32	371.84	0.101207	9.89	643.17	211.28	1.00
UpStream-2-Bell	60149	5-EV	2205.00	366.00	368.71	368.71	369.48	0.125551	7.06	312.30	200.51	1.00
UpStream-2-Bell	60149	2-EV	626.00	366.00	367.77	367.63	368.10	0.101972	4.59	136.43	143.15	0.83
UpStream-2-Bell	59999	100-EV	20300.00	357.84	372.80	366.31	373.64	0.008933	7.32	2773.96	227.25	0.37
UpStream-2-Bell	59999	50-EV	18156.00	357.84	372.04	365.79	372.79	0.008685	6.98	2601.14	224.31	0.36
UpStream-2-Bell	59999	25-EV	11896.00	357.84	369.50	364.18	370.02	0.007855	5.83	2042.09	215.36	0.33
UpStream-2-Bell	59999	10-EV	6364.00	357.84	366.40	362.38	366.72	0.007393	4.57	1393.48	203.61	0.31
UpStream-2-Bell	59999	5-EV	2205.00	357.84	362.45	360.54	362.64	0.011151	3.54	622.97	182.97	0.34
UpStream-2-Bell	59999	2-EV	626.00	357.84	359.96	359.41	360.11	0.032278	3.16	198.17	153.59	0.49
UpStream-2-Bell	59699	100-EV	20300.00	352.12	369.14	364.54	370.18	0.015154	8.20	2477.08	256.77	0.47
UpStream-2-Bell	59699	50-EV	18156.00	352.12	368.40	363.97	369.38	0.015354	7.93	2289.44	251.92	0.46
UpStream-2-Bell	59699	25-EV	11896.00	352.12	366.02	361.65	366.77	0.015687	6.97	1707.85	232.48	0.45
UpStream-2-Bell	59699	10-EV	6364.00	352.12	363.25	359.12	363.75	0.013856	5.64	1127.39	191.93	0.41
UpStream-2-Bell	59699	5-EV	2205.00	352.12	359.72	356.18	359.93	0.007490	3.68	598.94	122.18	0.29
UpStream-2-Bell	59699	2-EV	626.00	352.12	356.54	354.26	356.63	0.005879	2.37	263.67	86.99	0.24
UpStream-2-Bell	59550	100-EV	20300.00	350.00	367.06		368.02	0.013581	7.86	2581.77	261.10	0.44
UpStream-2-Bell	59550	50-EV	18156.00	350.00	366.34		367.23	0.013172	7.57	2398.47	250.91	0.43
UpStream-2-Bell	59550	25-EV	11896.00	350.00	364.02		364.67	0.012329	6.47	1839.42	232.33	0.41
UpStream-2-Bell	59550	10-EV	6364.00	350.00	361.44		361.84	0.011510	5.06	1257.40	218.64	0.37
UpStream-2-Bell	59550	5-EV	2205.00	350.00	358.53		358.70	0.008886	3.32	664.32	179.93	0.30
UpStream-2-Bell	59550	2-EV	626.00	350.00	355.82		355.89	0.004203	2.12	295.18	89.32	0.21
UpStream-2-Bell	59325	100-EV	20300.00	350.00	364.50		365.27	0.010656	7.02	2889.95	290.13	0.39
UpStream-2-Bell	59325	50-EV	18156.00	350.00	363.82		364.53	0.010619	6.74	2693.83	287.27	0.39
UpStream-2-Bell	59325	25-EV	11896.00	350.00	361.56		362.08	0.010481	5.78	2058.25	274.42	0.37
UpStream-2-Bell	59325	10-EV	6364.00	350.00	359.00		359.33	0.010652	4.63	1373.84	259.21	0.35
UpStream-2-Bell	59325	5-EV	2205.00	350.00	356.21		356.37	0.012226	3.26	675.85	240.00	0.34
UpStream-2-Bell	59325	2-EV	626.00	350.00	354.11		354.21	0.016734	2.65	236.67	145.72	0.37
UpStream-2-Bell	59024	100-EV	20300.00	346.05	360.72	356.30	361.65	0.013561	7.75	2620.51	272.31	0.44
UpStream-2-Bell	59024	50-EV	18156.00	346.05	360.11	355.84	360.96	0.013210	7.39	2457.53	269.02	0.43
UpStream-2-Bell	59024	25-EV	11896.00	346.05	358.16	354.42	358.74	0.011752	6.13	1941.61	258.31	0.39
UpStream-2-Bell	59024	10-EV	6364.00	346.05	355.87	352.82	356.21	0.010102	4.66	1366.16	245.39	0.35

HEC-RAS Plan: NoPA5 (Continued)

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
UpStream-2-Bell	59024	5-EV	2205.00	346.05	353.25	350.65	353.39	0.008220	2.97	742.68	225.37	0.29
UpStream-2-Bell	59024	2-EV	626.00	346.05	350.77	348.49	350.84	0.007999	2.20	284.49	132.71	0.26
UpStream-2-Bell	58874	100-EV	20300.00	346.00	357.66	354.94	358.98	0.023549	9.19	2209.68	269.31	0.57
UpStream-2-Bell	58874	50-EV	18156.00	346.00	357.19	354.53	358.37	0.022761	8.72	2082.09	267.73	0.55
UpStream-2-Bell	58874	25-EV	11896.00	346.00	355.81	353.15	356.56	0.018129	6.93	1715.96	263.14	0.48
UpStream-2-Bell	58874	10-EV	6364.00	346.00	354.00	351.89	354.41	0.014412	5.11	1246.26	255.28	0.41
UpStream-2-Bell	58874	5-EV	2205.00	346.00	351.82		351.97	0.010894	3.14	702.58	242.83	0.33
UpStream-2-Bell	58874	2-EV	626.00	346.00	348.98		349.15	0.016870	3.29	190.12	84.77	0.39
Bell-2-Gober	58274	100-EV	20204.00	340.00	348.00	346.75	348.88	0.012323	7.53	2682.08	764.53	0.62
Bell-2-Gober	58274	50-EV	17745.00	340.00	347.67	346.47	348.46	0.012215	7.14	2485.77	751.63	0.61
Bell-2-Gober	58274	25-EV	14843.00	340.00	347.24	346.13	347.92	0.012138	6.64	2234.97	736.38	0.60
Bell-2-Gober	58274	10-EV	7201.00	340.00	345.82	345.07	346.23	0.012993	5.11	1410.51	681.67	0.58
Bell-2-Gober	58274	5-EV	2413.00	340.00	344.46	343.29	344.68	0.013470	3.75	644.03	519.70	0.56
Bell-2-Gober	58274	2-EV	529.00	340.00	342.68	341.61	342.77	0.006829	2.45	215.78	188.17	0.38
Bell-2-Gober	58124	100-EV	20303.00	339.45	346.81	344.93	347.36	0.007517	5.91	3434.86	940.83	0.48
Bell-2-Gober	58124	50-EV	17801.00	339.45	346.46	344.65	346.95	0.007497	5.61	3174.40	929.36	0.48
Bell-2-Gober	58124	25-EV	14811.00	339.45	346.01	344.30	346.43	0.007460	5.21	2844.16	878.56	0.47
Bell-2-Gober	58124	10-EV	7184.00	339.45	344.56	343.28	344.80	0.006759	3.95	1820.41	667.72	0.42
Bell-2-Gober	58124	5-EV	2401.00	339.45	343.09	342.28	343.20	0.007213	2.73	879.33	606.53	0.40
Bell-2-Gober	58124	2-EV	528.00	339.45	341.49	340.86	341.59	0.009055	2.53	208.42	189.61	0.43
Bell-2-Gober	57899	100-EV	20303.00	338.00	344.93	343.18	345.46	0.009453	5.87	3456.03	905.80	0.49
Bell-2-Gober	57899	50-EV	17801.00	338.00	344.58	342.94	345.06	0.009475	5.58	3189.11	896.11	0.48
Bell-2-Gober	57899	25-EV	14811.00	338.00	344.14	342.63	344.56	0.009404	5.18	2859.77	881.42	0.47
Bell-2-Gober	57899	10-EV	7184.00	338.00	342.84	341.52	343.07	0.008920	3.83	1877.28	762.13	0.43
Bell-2-Gober	57899	5-EV	2401.00	338.00	341.25	340.14	341.39	0.008972	2.94	816.69	518.54	0.41
Bell-2-Gober	57899	2-EV	528.00	338.00	339.56	338.95	339.64	0.008289	2.32	227.10	212.15	0.40
Bell-2-Gober	57674	100-EV	20303.00	336.00	342.19	340.68	342.78	0.015437	6.15	3300.90	848.69	0.54
Bell-2-Gober	57674	50-EV	17801.00	336.00	341.82	340.43	342.37	0.015517	5.93	3002.77	785.10	0.53
Bell-2-Gober	57674	25-EV	14811.00	336.00	341.36	340.11	341.85	0.015920	5.60	2642.54	768.82	0.53
Bell-2-Gober	57674	10-EV	7184.00	336.00	339.97	338.99	340.28	0.018379	4.48	1602.20	723.37	0.53
Bell-2-Gober	57674	5-EV	2401.00	336.00	338.63	337.90	338.79	0.015476	3.12	769.80	554.04	0.47
Bell-2-Gober	57674	2-EV	528.00	336.00	337.46	336.90	337.53	0.010761	2.12	248.61	286.82	0.40
Bell-2-Gober	57525	100-EV	20303.00	333.04	340.73	338.44	341.14	0.007752	5.12	3966.15	827.46	0.41
Bell-2-Gober	57525	50-EV	17801.00	333.04	340.35	338.20	340.72	0.007750	4.87	3654.40	820.88	0.41
Bell-2-Gober	57525	25-EV	14811.00	333.04	339.87	337.88	340.19	0.007753	4.55	3255.79	809.30	0.40
Bell-2-Gober	57525	10-EV	7184.00	333.04	338.34	336.97	338.53	0.007825	3.49	2058.53	755.90	0.37
Bell-2-Gober	57525	5-EV	2401.00	333.04	336.86	336.18	336.95	0.009892	2.48	969.54	714.73	0.37
Bell-2-Gober	57525	2-EV	528.00	333.04	335.88	334.99	335.92	0.010671	1.63	332.29	453.17	0.34
Bell-2-Gober	57224	100-EV	20303.00	329.99	338.38		338.79	0.007920	5.12	3964.90	804.66	0.41
Bell-2-Gober	57224	50-EV	17801.00	329.99	338.01		338.38	0.007866	4.86	3666.12	801.48	0.40
Bell-2-Gober	57224	25-EV	14811.00	329.99	337.54		337.86	0.007741	4.50	3292.68	797.48	0.39
Bell-2-Gober	57224	10-EV	7184.00	329.99	336.12		336.29	0.007096	3.31	2172.49	778.79	0.35
Bell-2-Gober	57224	5-EV	2401.00	329.99	334.39		334.47	0.006981	2.33	1029.63	599.53	0.31
Bell-2-Gober	57224	2-EV	528.00	329.99	332.34		332.43	0.012648	2.40	219.58	216.66	0.42
Bell-2-Gober	57074	100-EV	20303.00	328.00	337.17		337.59	0.007980	5.22	3886.55	836.65	0.43
Bell-2-Gober	57074	50-EV	17801.00	328.00	336.78		337.17	0.008166	5.00	3562.81	834.75	0.43
Bell-2-Gober	57074	25-EV	14811.00	328.00	336.31		336.65	0.008311	4.67	3169.57	832.43	0.42
Bell-2-Gober	57074	10-EV	7184.00	328.00	334.93		335.13	0.008489	3.54	2028.48	820.97	0.40
Bell-2-Gober	57074	5-EV	2401.00	328.00	333.32		333.42	0.006974	2.56	938.27	528.06	0.34
Bell-2-Gober	57074	2-EV	528.00	328.00	330.66		330.82	0.009084	3.18	166.22	106.15	0.45
Bell-2-Gober	56849	100-EV	20303.00	326.00	335.37		335.77	0.008194	5.04	4024.44	800.57	0.40
Bell-2-Gober	56849	50-EV	17801.00	326.00	334.89		335.26	0.008761	4.89	3641.52	798.85	0.40
Bell-2-Gober	56849	25-EV	14811.00	326.00	334.35		334.68	0.009204	4.61	3209.50	796.87	0.41
Bell-2-Gober	56849	10-EV	7184.00	326.00	332.84		333.04	0.010261	3.58	2005.71	791.06	0.40
Bell-2-Gober	56849	5-EV	2401.00	326.00	331.03		331.18	0.015365	3.14	765.77	518.06	0.45
Bell-2-Gober	56849	2-EV	528.00	326.00	329.16		329.25	0.005429	2.40	219.85	145.32	0.34
Bell-2-Gober	56624	100-EV	20303.00	324.95	333.85		334.21	0.005872	4.81	4224.66	735.90	0.35
Bell-2-Gober	56624	50-EV	17801.00	324.95	333.20		333.55	0.006683	4.75	3747.87	732.47	0.37
Bell-2-Gober	56624	25-EV	14811.00	324.95	332.48		332.81	0.007562	4.59	3224.34	726.87	0.38
Bell-2-Gober	56624	10-EV	7184.00	324.95	330.80		331.00	0.008022	3.55	2023.38	700.47	0.37
Bell-2-Gober	56624	5-EV	2401.00	324.95	328.87		328.99	0.006681	2.67	898.36	459.96	0.34
Bell-2-Gober	56624	2-EV	528.00	324.95	326.84		326.99	0.024482	3.13	168.55	225.11	0.64
Bell-2-Gober	56474	100-EV	20303.00	322.63	333.00		333.34	0.005585	4.68	4339.18	686.34	0.33
Bell-2-Gober	56474	50-EV	17801.00	322.63	332.20		332.54	0.006710	4.70	3787.97	683.24	0.35
Bell-2-Gober	56474	25-EV	14811.00	322.63	331.26		331.61	0.008512	4.70	3149.76	679.00	0.38
Bell-2-Gober	56474	10-EV	7184.00	322.63	329.19		329.45	0.013738	4.10	1753.94	667.88	0.45
Bell-2-Gober	56474	5-EV	2401.00	322.63	327.41		327.59	0.013771	3.41	704.23	376.63	0.44
Bell-2-Gober	56474	2-EV	528.00	322.63	325.24		325.32	0.006272	2.27	232.60	158.48	0.33
Bell-2-Gober	56323	100-EV	20303.00	322.00	332.47		332.73	0.002917	4.09	4969.13	647.79	0.26

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	56323	50-EV	17801.00	322.00	331.56		331.82	0.003358	4.06	4386.48	643.06	0.27
Bell-2-Gober	56323	25-EV	14811.00	322.00	330.46		330.72	0.004100	4.02	3682.40	636.98	0.29
Bell-2-Gober	56323	10-EV	7184.00	322.00	327.74		327.94	0.007476	3.65	1966.22	620.39	0.36
Bell-2-Gober	56323	5-EV	2401.00	322.00	325.85		325.98	0.008387	2.81	853.43	451.25	0.36
Bell-2-Gober	56323	2-EV	528.00	322.00	323.63		323.81	0.017969	3.40	155.22	149.37	0.59
Bell-2-Gober	56175	100-EV	20303.00	320.00	332.18		332.36	0.001857	3.43	5919.17	702.55	0.21
Bell-2-Gober	56175	50-EV	17801.00	320.00	331.23		331.41	0.002099	3.39	5254.61	696.72	0.22
Bell-2-Gober	56175	25-EV	14811.00	320.00	330.05		330.22	0.002518	3.34	4435.89	689.48	0.23
Bell-2-Gober	56175	10-EV	7184.00	320.00	326.84		326.99	0.005345	3.18	2259.83	665.25	0.30
Bell-2-Gober	56175	5-EV	2401.00	320.00	324.79		324.87	0.006456	2.35	1022.82	543.12	0.30
Bell-2-Gober	56175	2-EV	528.00	320.00	322.34		322.41	0.005533	2.08	253.59	193.69	0.32
Bell-2-Gober	56024	100-EV	20303.00	319.91	331.95		332.10	0.001494	3.13	6476.40	735.03	0.19
Bell-2-Gober	56024	50-EV	17801.00	319.91	330.97		331.12	0.001684	3.09	5757.11	729.90	0.19
Bell-2-Gober	56024	25-EV	14811.00	319.91	329.73		329.87	0.002028	3.05	4856.82	723.28	0.21
Bell-2-Gober	56024	10-EV	7184.00	319.91	325.91		326.09	0.006765	3.35	2146.65	685.69	0.33
Bell-2-Gober	56024	5-EV	2401.00	319.91	323.77		323.91	0.006355	2.95	813.74	339.72	0.34
Bell-2-Gober	56024	2-EV	528.00	319.91	321.48		321.56	0.005853	2.23	236.70	182.41	0.35
Bell-2-Gober	55874	100-EV	20303.00	318.00	331.77		331.90	0.001144	2.90	7007.16	705.90	0.16
Bell-2-Gober	55874	50-EV	17801.00	318.00	330.77		330.89	0.001236	2.82	6303.98	700.07	0.17
Bell-2-Gober	55874	25-EV	14811.00	318.00	329.50		329.61	0.001395	2.73	5418.47	692.67	0.17
Bell-2-Gober	55874	10-EV	7184.00	318.00	325.15		325.28	0.004250	2.91	2465.50	662.22	0.27
Bell-2-Gober	55874	5-EV	2401.00	318.00	322.74		322.83	0.007903	2.46	976.73	550.17	0.33
Bell-2-Gober	55874	2-EV	528.00	318.00	320.74		320.79	0.004382	1.78	296.65	197.81	0.26
Bell-2-Gober	55724	100-EV	20303.00	316.48	331.58		331.72	0.001210	3.07	6616.99	617.57	0.17
Bell-2-Gober	55724	50-EV	17801.00	316.48	330.57		330.70	0.001280	2.97	5995.98	612.92	0.17
Bell-2-Gober	55724	25-EV	14811.00	316.48	329.28		329.40	0.001397	2.84	5210.12	606.97	0.17
Bell-2-Gober	55724	10-EV	7184.00	316.48	324.56		324.70	0.003582	2.95	2437.64	543.72	0.25
Bell-2-Gober	55724	5-EV	2401.00	316.48	321.76		321.85	0.005564	2.34	1026.30	454.33	0.27
Bell-2-Gober	55724	2-EV	528.00	316.48	319.98		320.02	0.006044	1.68	314.12	254.97	0.27
Bell-2-Gober	55574	100-EV	20303.00	316.00	331.31		331.50	0.001722	3.55	5718.75	533.56	0.19
Bell-2-Gober	55574	50-EV	17801.00	316.00	330.29		330.48	0.001743	3.43	5184.77	518.10	0.19
Bell-2-Gober	55574	25-EV	14811.00	316.00	329.01		329.17	0.001638	3.25	4551.89	481.86	0.19
Bell-2-Gober	55574	10-EV	7184.00	316.00	324.03		324.18	0.003273	3.15	2281.57	438.54	0.24
Bell-2-Gober	55574	5-EV	2401.00	316.00	320.74		320.85	0.008118	2.74	876.73	413.36	0.33
Bell-2-Gober	55574	2-EV	528.00	316.00	318.62		318.71	0.013699	2.48	212.52	189.93	0.41
Bell-2-Gober	55424	100-EV	20303.00	314.00	331.08		331.28	0.001335	3.55	5718.94	469.11	0.18
Bell-2-Gober	55424	50-EV	17801.00	314.00	330.07		330.25	0.001331	3.39	5248.12	461.91	0.18
Bell-2-Gober	55424	25-EV	14811.00	314.00	328.79		328.95	0.001322	3.17	4665.44	452.44	0.17
Bell-2-Gober	55424	10-EV	7184.00	314.00	323.62		323.75	0.002433	2.97	2420.31	414.97	0.22
Bell-2-Gober	55424	5-EV	2401.00	314.00	319.75		319.85	0.005510	2.65	905.31	346.94	0.29
Bell-2-Gober	55424	2-EV	528.00	314.00	317.23		317.32	0.006639	2.51	209.96	123.04	0.34
Bell-2-Gober	55274	100-EV	20303.00	313.78	330.92		331.09	0.001078	3.22	6302.88	490.67	0.16
Bell-2-Gober	55274	50-EV	17801.00	313.78	329.91		330.06	0.001058	3.06	5810.92	482.91	0.16
Bell-2-Gober	55274	25-EV	14811.00	313.78	328.64		328.77	0.001019	2.85	5203.24	472.55	0.15
Bell-2-Gober	55274	10-EV	7184.00	313.78	323.35		323.45	0.001572	2.54	2827.61	426.98	0.17
Bell-2-Gober	55274	5-EV	2401.00	313.78	319.09		319.16	0.003819	2.23	1078.54	389.79	0.24
Bell-2-Gober	55274	2-EV	528.00	313.78	316.33		316.39	0.005773	2.07	254.97	156.50	0.29
Bell-2-Gober	55124	100-EV	20303.00	312.00	330.76		330.92	0.001067	3.20	6349.27	488.10	0.16
Bell-2-Gober	55124	50-EV	17801.00	312.00	329.76		329.90	0.001020	3.03	5865.92	473.94	0.15
Bell-2-Gober	55124	25-EV	14811.00	312.00	328.50		328.62	0.000960	2.81	5275.61	460.03	0.15
Bell-2-Gober	55124	10-EV	7184.00	312.00	323.13		323.23	0.001439	2.47	2913.77	421.95	0.17
Bell-2-Gober	55124	5-EV	2401.00	312.00	318.41		318.50	0.005128	2.41	996.48	389.02	0.27
Bell-2-Gober	55124	2-EV	528.00	312.00	315.34		315.48	0.006352	2.97	177.60	73.86	0.34
Bell-2-Gober	54974	100-EV	20303.00	311.44	330.60		330.76	0.001087	3.22	6298.68	504.71	0.16
Bell-2-Gober	54974	50-EV	17801.00	311.44	329.60		329.75	0.001042	3.07	5802.58	489.63	0.16
Bell-2-Gober	54974	25-EV	14811.00	311.44	328.35		328.47	0.000991	2.85	5196.59	475.86	0.15
Bell-2-Gober	54974	10-EV	7184.00	311.44	322.88		322.99	0.001741	2.65	2711.28	429.07	0.19
Bell-2-Gober	54974	5-EV	2401.00	311.44	317.20		317.41	0.010957	3.62	663.47	271.38	0.41
Bell-2-Gober	54974	2-EV	528.00	311.44	313.76		314.04	0.015938	4.22	125.00	68.81	0.55
Bell-2-Gober	54824	100-EV	20303.00	310.00	330.48		330.62	0.000795	3.02	6713.30	473.98	0.14
Bell-2-Gober	54824	50-EV	17801.00	310.00	329.48		329.61	0.000763	2.85	6245.51	468.59	0.14
Bell-2-Gober	54824	25-EV	14811.00	310.00	328.24		328.34	0.000703	2.61	5666.83	458.67	0.13
Bell-2-Gober	54824	10-EV	7184.00	310.00	322.73		322.80	0.000841	2.19	3283.23	407.90	0.14
Bell-2-Gober	54824	5-EV	2401.00	310.00	316.11		316.24	0.005608	2.91	825.25	292.51	0.31
Bell-2-Gober	54824	2-EV	528.00	310.00	312.36		312.48	0.006905	2.70	195.37	118.86	0.37
Bell-2-Gober	54674	100-EV	20303.00	308.00	330.34		330.48	0.000997	3.04	6688.13	519.63	0.15
Bell-2-Gober	54674	50-EV	17801.00	308.00	329.35		329.48	0.000972	2.88	6178.65	509.68	0.15
Bell-2-Gober	54674	25-EV	14811.00	308.00	328.11		328.22	0.000938	2.67	5550.54	501.63	0.14
Bell-2-Gober	54674	10-EV	7184.00	308.00	322.59		322.67	0.000915	2.28	3153.53	372.69	0.14
Bell-2-Gober	54674	5-EV	2401.00	308.00	315.41		315.53	0.004043	2.77	867.63	257.00	0.27

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	54674	2-EV	528.00	308.00	310.61		310.93	0.016713	4.52	116.86	62.45	0.58
Bell-2-Gober	54524	100-EV	20303.00	306.04	330.13		330.31	0.001385	3.37	6024.18	525.99	0.18
Bell-2-Gober	54524	50-EV	17801.00	306.04	329.14		329.30	0.001396	3.23	5510.20	514.90	0.17
Bell-2-Gober	54524	25-EV	14811.00	306.04	327.92		328.07	0.001094	3.03	4893.05	426.89	0.16
Bell-2-Gober	54524	10-EV	7184.00	306.04	322.45		322.54	0.000799	2.43	2960.57	314.00	0.14
Bell-2-Gober	54524	5-EV	2401.00	306.04	315.01		315.10	0.002028	2.40	1001.75	231.91	0.20
Bell-2-Gober	54524	2-EV	528.00	306.04	310.03		310.10	0.002366	2.09	252.55	105.00	0.24
Bell-2-Gober	54374	100-EV	20303.00	306.00	329.96		330.11	0.001121	3.19	6361.50	519.96	0.16
Bell-2-Gober	54374	50-EV	17801.00	306.00	328.97		329.11	0.001122	3.04	5850.73	513.11	0.16
Bell-2-Gober	54374	25-EV	14811.00	306.00	327.77		327.90	0.001097	2.83	5241.81	505.34	0.15
Bell-2-Gober	54374	10-EV	7184.00	306.00	322.27		322.37	0.001575	2.66	2703.71	401.31	0.18
Bell-2-Gober	54374	5-EV	2401.00	306.00	314.79		314.88	0.001148	2.35	1022.33	169.29	0.17
Bell-2-Gober	54374	2-EV	528.00	306.00	309.77		309.83	0.001446	1.89	279.12	90.26	0.19
Bell-2-Gober	54223	100-EV	20303.00	304.00	329.67	318.48	329.88	0.002149	3.70	5487.92	546.89	0.20
Bell-2-Gober	54223	50-EV	17801.00	304.00	328.68	317.48	328.88	0.002160	3.58	4971.45	508.38	0.20
Bell-2-Gober	54223	25-EV	14811.00	304.00	327.49	316.30	327.67	0.002140	3.38	4385.49	482.59	0.20
Bell-2-Gober	54223	10-EV	7184.00	304.00	321.75	312.69	321.97	0.005106	3.73	1928.44	346.95	0.28
Bell-2-Gober	54223	5-EV	2401.00	304.00	314.48	309.40	314.65	0.001838	3.35	717.03	103.90	0.22
Bell-2-Gober	54223	2-EV	528.00	304.00	309.50	306.45	309.57	0.001979	2.09	252.54	82.02	0.21
Bell-2-Gober	54074	100-EV	20303.00	304.00	329.17	323.73	329.52	0.002559	4.72	4298.52	505.55	0.28
Bell-2-Gober	54074	50-EV	17801.00	304.00	328.16	323.32	328.50	0.002743	4.68	3802.50	492.23	0.30
Bell-2-Gober	54074	25-EV	14811.00	304.00	326.95	322.80	327.28	0.002938	4.60	3216.57	478.38	0.31
Bell-2-Gober	54074	10-EV	7184.00	304.00	318.58	316.30	320.65	0.012501	11.54	622.60	71.93	0.69
Bell-2-Gober	54074	5-EV	2401.00	304.00	312.53	311.25	313.90	0.017337	9.41	255.11	48.08	0.72
Bell-2-Gober	54074	2-EV	528.00	304.00	308.34	307.42	308.88	0.015300	5.92	89.12	31.27	0.62
Bell-2-Gober	53849	100-EV	20303.00	302.00	328.40	322.82	328.81	0.003912	5.15	3943.45	486.01	0.31
Bell-2-Gober	53849	50-EV	17801.00	302.00	327.29	318.91	327.71	0.004636	5.16	3449.80	476.59	0.33
Bell-2-Gober	53849	25-EV	14811.00	302.00	325.94	317.35	326.36	0.005967	5.19	2851.22	466.06	0.36
Bell-2-Gober	53849	10-EV	7184.00	302.00	317.03	312.46	318.36	0.007072	9.26	776.10	74.12	0.50
Bell-2-Gober	53849	5-EV	2401.00	302.00	310.31	307.84	311.10	0.008426	7.13	336.73	56.74	0.52
Bell-2-Gober	53849	2-EV	528.00	302.00	305.62	304.52	305.99	0.010664	4.89	108.03	39.48	0.52
Bell-2-Gober	53698	100-EV	20303.00	300.00	327.59	319.47	328.13	0.004606	5.88	3452.90	496.89	0.35
Bell-2-Gober	53698	50-EV	17801.00	300.00	326.31	318.12	326.88	0.005849	6.05	2942.58	480.57	0.39
Bell-2-Gober	53698	25-EV	14811.00	300.00	324.51	316.50	325.18	0.009137	6.56	2257.24	450.79	0.47
Bell-2-Gober	53698	10-EV	7184.00	300.00	315.74	311.14	317.16	0.008509	9.57	750.66	74.00	0.53
Bell-2-Gober	53698	5-EV	2401.00	300.00	309.10	306.26	309.88	0.007719	7.06	340.01	52.65	0.49
Bell-2-Gober	53698	2-EV	528.00	300.00	304.33	302.82	304.63	0.007285	4.39	120.35	38.42	0.44
Bell-2-Gober	53549	100-EV	20303.00	297.06	319.19	319.19	325.03	0.037990	19.38	1047.70	89.80	1.00
Bell-2-Gober	53549	50-EV	17801.00	297.06	317.50	317.50	323.46	0.038134	19.58	909.09	76.05	1.00
Bell-2-Gober	53549	25-EV	14811.00	297.06	315.94	315.77	321.34	0.036595	18.64	794.70	70.91	0.98
Bell-2-Gober	53549	10-EV	7184.00	297.06	311.10	310.28	314.46	0.028489	14.70	488.67	56.35	0.88
Bell-2-Gober	53549	5-EV	2401.00	297.06	305.11	304.91	307.37	0.031542	12.06	199.02	39.82	0.95
Bell-2-Gober	53549	2-EV	528.00	297.06	301.07	301.07	302.20	0.043100	8.52	62.00	27.70	1.00
Bell-2-Gober	53399	100-EV	20303.00	296.00	316.26	313.14	320.04	0.016195	15.59	1301.96	96.60	0.75
Bell-2-Gober	53399	50-EV	17801.00	296.00	315.48	311.78	318.74	0.014167	14.50	1227.51	93.18	0.70
Bell-2-Gober	53399	25-EV	14811.00	296.00	314.46	310.14	317.11	0.011607	13.05	1135.27	88.77	0.64
Bell-2-Gober	53399	10-EV	7184.00	296.00	310.47	305.29	311.68	0.006039	8.81	815.09	72.98	0.46
Bell-2-Gober	53399	5-EV	2401.00	296.00	304.51	300.96	305.03	0.004670	5.77	416.32	60.89	0.39
Bell-2-Gober	53399	2-EV	528.00	296.00	299.66	298.14	299.87	0.005592	3.65	144.64	50.94	0.38
Bell-2-Gober	53249	100-EV	20303.00	294.00	313.46	312.76	316.74	0.026174	14.52	1398.60	169.61	0.89
Bell-2-Gober	53249	50-EV	17801.00	294.00	312.88	312.04	315.79	0.024998	13.68	1301.21	166.91	0.86
Bell-2-Gober	53249	25-EV	14811.00	294.00	312.25	311.11	314.63	0.022030	12.37	1197.26	162.78	0.80
Bell-2-Gober	53249	10-EV	7184.00	294.00	307.67		309.99	0.014881	12.22	587.77	64.44	0.71
Bell-2-Gober	53249	5-EV	2401.00	294.00	303.18	300.43	304.01	0.008391	7.33	327.45	51.43	0.51
Bell-2-Gober	53249	2-EV	528.00	294.00	298.78	296.80	299.03	0.005382	4.03	131.06	37.38	0.38
Bell-2-Gober	53099	100-EV	20303.00	294.00	308.90	308.90	311.89	0.038275	13.87	1464.32	244.85	1.00
Bell-2-Gober	53099	50-EV	17801.00	294.00	308.28	308.28	311.13	0.039168	13.53	1316.14	232.85	1.00
Bell-2-Gober	53099	25-EV	14811.00	294.00	307.43	307.43	310.12	0.041272	13.16	1125.20	216.26	1.02
Bell-2-Gober	53099	10-EV	7184.00	294.00	304.15	304.15	306.53	0.039834	12.39	579.82	122.20	1.00
Bell-2-Gober	53099	5-EV	2401.00	294.00	299.22	299.22	301.35	0.035420	11.71	205.11	48.76	1.01
Bell-2-Gober	53099	2-EV	528.00	294.00	296.16	296.16	297.05	0.045486	7.58	69.69	39.68	1.01
Bell-2-Gober	52949	100-EV	20303.00	286.00	298.12	294.68	299.42	0.013657	9.13	2223.42	248.68	0.54
Bell-2-Gober	52949	50-EV	17801.00	286.00	297.53	294.08	298.67	0.012838	8.57	2077.12	244.04	0.52
Bell-2-Gober	52949	25-EV	14811.00	286.00	296.76	293.33	297.71	0.011732	7.83	1891.56	238.02	0.49
Bell-2-Gober	52949	10-EV	7184.00	286.00	294.26	290.65	294.72	0.008095	5.44	1321.70	218.21	0.39
Bell-2-Gober	52949	5-EV	2401.00	286.00	291.53	288.37	291.68	0.003991	3.09	777.36	165.00	0.25
Bell-2-Gober	52949	2-EV	528.00	286.00	289.12	286.93	289.15	0.001540	1.33	398.40	147.87	0.14
Bell-2-Gober	52799	100-EV	20303.00	286.00	297.17		297.72	0.006194	5.95	3409.75	399.84	0.36
Bell-2-Gober	52799	50-EV	17801.00	286.00	296.60		297.09	0.005880	5.59	3185.01	394.29	0.35

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	52799	25-EV	14811.00	286.00	295.88		296.29	0.005424	5.10	2902.97	386.90	0.33
Bell-2-Gober	52799	10-EV	7184.00	286.00	293.60		293.79	0.003722	3.50	2053.51	358.04	0.26
Bell-2-Gober	52799	5-EV	2401.00	286.00	291.18		291.24	0.001880	1.93	1242.66	304.93	0.17
Bell-2-Gober	52799	2-EV	528.00	286.00	288.97		288.98	0.000779	0.86	611.22	259.19	0.10
Bell-2-Gober	52649	100-EV	20303.00	286.00	296.44		296.84	0.004666	5.05	4021.74	546.31	0.33
Bell-2-Gober	52649	50-EV	17801.00	286.00	295.90		296.25	0.004552	4.78	3724.18	538.34	0.32
Bell-2-Gober	52649	25-EV	14811.00	286.00	295.21		295.51	0.004363	4.41	3355.61	528.62	0.31
Bell-2-Gober	52649	10-EV	7184.00	286.00	293.07		293.23	0.003587	3.18	2259.79	497.49	0.26
Bell-2-Gober	52649	5-EV	2401.00	286.00	290.86		290.92	0.002398	1.92	1252.78	415.22	0.19
Bell-2-Gober	52649	2-EV	528.00	286.00	288.83		288.84	0.001060	0.93	564.93	268.37	0.11
Bell-2-Gober	52424	100-EV	20303.00	286.00	295.64		295.90	0.003263	4.09	4966.45	714.52	0.27
Bell-2-Gober	52424	50-EV	17801.00	286.00	295.09		295.33	0.003289	3.89	4573.63	711.51	0.27
Bell-2-Gober	52424	25-EV	14811.00	286.00	294.41		294.61	0.003288	3.62	4088.16	706.56	0.27
Bell-2-Gober	52424	10-EV	7184.00	286.00	292.32		292.44	0.003282	2.73	2631.72	688.47	0.25
Bell-2-Gober	52424	5-EV	2401.00	286.00	290.18		290.24	0.003881	1.98	1210.13	573.22	0.24
Bell-2-Gober	52424	2-EV	528.00	286.00	288.45		288.47	0.002838	1.22	434.45	351.39	0.19
Bell-2-Gober	52274	100-EV	20303.00	286.00	295.14		295.41	0.003229	4.22	4814.08	684.08	0.28
Bell-2-Gober	52274	50-EV	17801.00	286.00	294.59		294.84	0.003225	4.01	4439.23	678.21	0.28
Bell-2-Gober	52274	25-EV	14811.00	286.00	293.91		294.13	0.003171	3.72	3982.95	671.00	0.27
Bell-2-Gober	52274	10-EV	7184.00	286.00	291.85		291.97	0.002944	2.74	2619.16	655.25	0.24
Bell-2-Gober	52274	5-EV	2401.00	286.00	289.58		289.65	0.004055	2.05	1169.55	570.34	0.25
Bell-2-Gober	52274	2-EV	528.00	286.00	287.77		287.82	0.007453	1.80	293.82	241.34	0.29
Bell-2-Gober	52124	100-EV	20080.00	284.17	294.65		294.92	0.003355	4.12	4877.09	695.76	0.27
Bell-2-Gober	52124	50-EV	17683.00	284.17	294.10		294.34	0.003393	3.94	4492.13	689.54	0.27
Bell-2-Gober	52124	25-EV	14798.00	284.17	293.43		293.63	0.003370	3.67	4030.88	680.92	0.27
Bell-2-Gober	52124	10-EV	7101.00	284.17	291.44		291.55	0.002670	2.60	2727.64	636.12	0.22
Bell-2-Gober	52124	5-EV	2345.00	284.17	289.00		289.05	0.003823	1.95	1204.74	575.86	0.24
Bell-2-Gober	52124	2-EV	520.00	284.17	286.97		287.01	0.004124	1.49	348.93	300.74	0.24
Bell-2-Gober	51974	100-EV	20080.00	284.00	293.77		294.18	0.007364	5.17	3880.69	654.24	0.37
Bell-2-Gober	51974	50-EV	17683.00	284.00	293.18		293.58	0.008039	5.06	3495.39	650.04	0.38
Bell-2-Gober	51974	25-EV	14798.00	284.00	292.48		292.85	0.008842	4.86	3043.09	643.24	0.39
Bell-2-Gober	51974	10-EV	7101.00	284.00	290.60		290.83	0.010282	3.83	1853.28	626.29	0.39
Bell-2-Gober	51974	5-EV	2345.00	284.00	287.98		288.17	0.010013	3.43	683.44	247.34	0.36
Bell-2-Gober	51974	2-EV	520.00	284.00	285.98		286.05	0.011224	2.17	239.62	188.33	0.34
Bell-2-Gober	51824	100-EV	20080.00	282.81	292.82		293.21	0.005676	5.05	3977.34	595.87	0.34
Bell-2-Gober	51824	50-EV	17683.00	282.81	292.13		292.51	0.006260	4.95	3568.82	592.61	0.36
Bell-2-Gober	51824	25-EV	14798.00	282.81	291.30		291.66	0.007087	4.80	3079.84	588.76	0.37
Bell-2-Gober	51824	10-EV	7101.00	282.81	289.14		289.37	0.009235	3.91	1815.34	578.60	0.39
Bell-2-Gober	51824	5-EV	2345.00	282.81	286.69		286.85	0.007752	3.22	728.32	262.56	0.34
Bell-2-Gober	51824	2-EV	520.00	282.81	284.91		284.95	0.005142	1.68	309.88	219.87	0.25
Bell-2-Gober	51674	100-EV	20080.00	281.57	292.18		292.49	0.003890	4.47	4495.56	611.71	0.29
Bell-2-Gober	51674	50-EV	17683.00	281.57	291.41		291.71	0.004318	4.39	4028.76	608.85	0.30
Bell-2-Gober	51674	25-EV	14798.00	281.57	290.46		290.75	0.005013	4.29	3453.02	605.32	0.32
Bell-2-Gober	51674	10-EV	7101.00	281.57	287.68		287.92	0.010107	3.98	1783.30	590.87	0.40
Bell-2-Gober	51674	5-EV	2345.00	281.57	285.19		285.40	0.012361	3.67	638.65	273.77	0.42
Bell-2-Gober	51674	2-EV	520.00	281.57	283.22		283.36	0.031881	3.06	169.93	196.96	0.58
Bell-2-Gober	51523	100-EV	20080.00	280.00	291.80		292.03	0.002197	3.83	5243.44	612.33	0.23
Bell-2-Gober	51523	50-EV	17683.00	280.00	291.01		291.22	0.002321	3.72	4757.21	607.53	0.23
Bell-2-Gober	51523	25-EV	14798.00	280.00	290.01		290.21	0.002485	3.56	4155.14	601.52	0.24
Bell-2-Gober	51523	10-EV	7101.00	280.00	286.94		287.08	0.003356	3.04	2337.78	579.92	0.27
Bell-2-Gober	51523	5-EV	2345.00	280.00	284.26		284.37	0.004099	2.58	909.81	367.35	0.29
Bell-2-Gober	51523	2-EV	520.00	280.00	282.17		282.21	0.003235	1.67	311.47	217.58	0.25
Bell-2-Gober	51374	100-EV	20080.00	280.00	291.51		291.73	0.001841	3.72	5398.58	588.80	0.22
Bell-2-Gober	51374	50-EV	17683.00	280.00	290.70		290.90	0.001925	3.59	4923.51	581.97	0.22
Bell-2-Gober	51374	25-EV	14798.00	280.00	289.69		289.87	0.002036	3.41	4337.54	572.92	0.22
Bell-2-Gober	51374	10-EV	7101.00	280.00	286.51		286.63	0.002646	2.80	2538.19	559.28	0.23
Bell-2-Gober	51374	5-EV	2345.00	280.00	283.74		283.81	0.003271	2.13	1102.53	427.83	0.23
Bell-2-Gober	51374	2-EV	520.00	280.00	281.77		281.79	0.002406	1.24	420.78	279.17	0.18
Bell-2-Gober	51224	100-EV	20080.00	278.43	291.23		291.45	0.001872	3.73	5378.95	581.32	0.22
Bell-2-Gober	51224	50-EV	17683.00	278.43	290.41		290.61	0.001927	3.60	4907.58	564.65	0.22
Bell-2-Gober	51224	25-EV	14798.00	278.43	289.39		289.57	0.001995	3.41	4335.87	551.77	0.21
Bell-2-Gober	51224	10-EV	7101.00	278.43	286.13		286.25	0.002402	2.76	2577.33	531.81	0.22
Bell-2-Gober	51224	5-EV	2345.00	278.43	283.24		283.31	0.003494	2.11	1109.00	481.97	0.25
Bell-2-Gober	51224	2-EV	520.00	278.43	281.09		281.14	0.009991	1.90	273.69	279.50	0.34
Bell-2-Gober	51074	100-EV	20080.00	277.24	290.91		291.14	0.002299	3.85	5217.02	555.65	0.22
Bell-2-Gober	51074	50-EV	17683.00	277.24	290.09		290.31	0.002154	3.69	4789.98	507.33	0.21
Bell-2-Gober	51074	25-EV	14798.00	277.24	289.07		289.25	0.002152	3.46	4275.26	496.83	0.21
Bell-2-Gober	51074	10-EV	7101.00	277.24	285.79		285.90	0.002208	2.64	2685.89	473.92	0.20
Bell-2-Gober	51074	5-EV	2345.00	277.24	282.86		282.90	0.002030	1.72	1359.79	425.76	0.17
Bell-2-Gober	51074	2-EV	520.00	277.24	280.37		280.39	0.002887	1.20	435.06	304.59	0.18

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	50923	100-EV	20080.00	276.00	290.44	283.77	290.74	0.002878	4.44	4525.67	667.62	0.26
Bell-2-Gober	50923	50-EV	17683.00	276.00	289.65	283.40	289.93	0.002845	4.27	4143.59	634.60	0.25
Bell-2-Gober	50923	25-EV	14798.00	276.00	288.63	282.93	288.88	0.002789	4.03	3675.97	596.48	0.25
Bell-2-Gober	50923	10-EV	7101.00	276.00	285.39	281.23	285.54	0.002589	3.06	2318.90	421.98	0.22
Bell-2-Gober	50923	5-EV	2345.00	276.00	282.52	279.55	282.58	0.002264	1.93	1214.91	374.50	0.19
Bell-2-Gober	50923	2-EV	520.00	276.00	280.04	277.97	280.06	0.001732	1.17	445.33	247.34	0.15
Bell-2-Gober	50774	100-EV	20080.00	275.93	289.56		290.17	0.004755	6.28	3195.28	368.52	0.38
Bell-2-Gober	50774	50-EV	17683.00	275.93	288.79		289.36	0.004788	6.06	2916.22	357.17	0.37
Bell-2-Gober	50774	25-EV	14798.00	275.93	287.80		288.32	0.004833	5.76	2571.13	343.54	0.37
Bell-2-Gober	50774	10-EV	7101.00	275.93	284.70		285.01	0.004723	4.49	1580.21	301.54	0.35
Bell-2-Gober	50774	5-EV	2345.00	275.93	281.97		282.11	0.004487	2.94	796.69	274.16	0.30
Bell-2-Gober	50774	2-EV	520.00	275.93	279.56		279.64	0.005323	2.25	231.09	149.90	0.32
Bell-2-Gober	50624	100-EV	20080.00	275.53	288.93		289.49	0.004151	6.00	3347.99	377.93	0.36
Bell-2-Gober	50624	50-EV	17683.00	275.53	288.15		288.67	0.004263	5.79	3054.55	371.05	0.36
Bell-2-Gober	50624	25-EV	14798.00	275.53	287.14		287.61	0.004458	5.51	2683.97	362.88	0.36
Bell-2-Gober	50624	10-EV	7101.00	275.53	283.92		284.24	0.005593	4.55	1561.51	334.65	0.37
Bell-2-Gober	50624	5-EV	2345.00	275.53	281.09		281.28	0.006979	3.48	673.58	260.36	0.38
Bell-2-Gober	50624	2-EV	520.00	275.53	278.66		278.79	0.005943	2.87	181.05	97.21	0.37
Bell-2-Gober	50399	100-EV	20080.00	273.89	288.42		288.74	0.002298	4.52	4439.44	441.44	0.25
Bell-2-Gober	50399	50-EV	17683.00	273.89	287.62		287.91	0.002310	4.33	4088.02	435.85	0.25
Bell-2-Gober	50399	25-EV	14798.00	273.89	286.58		286.84	0.002333	4.07	3640.02	427.94	0.25
Bell-2-Gober	50399	10-EV	7101.00	273.89	283.24		283.39	0.002450	3.15	2254.49	399.59	0.23
Bell-2-Gober	50399	5-EV	2345.00	273.89	280.38		280.44	0.002145	2.05	1145.03	377.70	0.21
Bell-2-Gober	50399	2-EV	520.00	273.89	278.24		278.26	0.001149	1.18	441.09	221.39	0.15
Bell-2-Gober	50174	100-EV	20080.00	276.00	287.67		288.12	0.003194	5.38	3729.30	401.49	0.31
Bell-2-Gober	50174	50-EV	17683.00	276.00	286.86		287.28	0.003247	5.18	3410.62	393.88	0.31
Bell-2-Gober	50174	25-EV	14798.00	276.00	285.83		286.20	0.003316	4.92	3006.93	382.88	0.31
Bell-2-Gober	50174	10-EV	7101.00	276.00	282.44		282.69	0.003927	4.02	1767.30	350.63	0.32
Bell-2-Gober	50174	5-EV	2345.00	276.00	279.62		279.74	0.004761	2.85	822.79	317.57	0.31
Bell-2-Gober	50174	2-EV	520.00	276.00	277.75		277.80	0.004575	1.82	284.98	215.22	0.28
Bell-2-Gober	50025	100-EV	20080.00	273.43	287.25		287.66	0.002798	5.17	3885.56	425.36	0.30
Bell-2-Gober	50025	50-EV	17683.00	273.43	286.43		286.82	0.002907	5.00	3539.57	420.76	0.30
Bell-2-Gober	50025	25-EV	14798.00	273.43	285.36		285.72	0.003085	4.78	3096.18	412.97	0.31
Bell-2-Gober	50025	10-EV	7101.00	273.43	281.82		282.09	0.004137	4.15	1712.38	361.05	0.34
Bell-2-Gober	50025	5-EV	2345.00	273.43	278.78		278.95	0.005984	3.29	713.74	299.36	0.38
Bell-2-Gober	50025	2-EV	520.00	273.43	276.80		276.90	0.008310	2.49	208.91	179.19	0.41
Bell-2-Gober	49874	100-EV	20080.00	271.46	286.93		287.28	0.002046	4.76	4222.18	404.94	0.26
Bell-2-Gober	49874	50-EV	17683.00	271.46	286.11		286.43	0.002054	4.54	3890.71	400.91	0.26
Bell-2-Gober	49874	25-EV	14798.00	271.46	285.04		285.32	0.002073	4.27	3463.94	394.96	0.25
Bell-2-Gober	49874	10-EV	7101.00	271.46	281.41		281.59	0.002428	3.43	2072.70	371.65	0.26
Bell-2-Gober	49874	5-EV	2345.00	271.46	278.15		278.25	0.003470	2.58	909.81	332.38	0.27
Bell-2-Gober	49874	2-EV	520.00	271.46	275.87		275.93	0.004950	1.98	262.39	191.03	0.30
Bell-2-Gober	49724	100-EV	20080.00	271.01	286.52		286.93	0.002632	5.12	3925.46	394.37	0.29
Bell-2-Gober	49724	50-EV	17683.00	271.01	285.70		286.08	0.002668	4.91	3602.53	390.01	0.28
Bell-2-Gober	49724	25-EV	14798.00	271.01	284.62		284.96	0.002751	4.65	3185.26	384.51	0.28
Bell-2-Gober	49724	10-EV	7101.00	271.01	280.96		281.19	0.002951	3.84	1848.84	318.55	0.28
Bell-2-Gober	49724	5-EV	2345.00	271.01	277.45		277.60	0.005614	3.09	759.10	300.18	0.34
Bell-2-Gober	49724	2-EV	520.00	271.01	274.87		274.99	0.008363	2.75	188.87	126.43	0.40
Bell-2-Gober	49574	100-EV	20080.00	271.00	285.64		286.41	0.004090	7.02	2861.08	278.10	0.39
Bell-2-Gober	49574	50-EV	17683.00	271.00	284.87		285.56	0.003973	6.68	2647.12	272.49	0.38
Bell-2-Gober	49574	25-EV	14798.00	271.00	283.85		284.46	0.003683	6.23	2376.99	259.12	0.36
Bell-2-Gober	49574	10-EV	7101.00	271.00	280.41		280.74	0.002935	4.59	1548.70	227.89	0.31
Bell-2-Gober	49574	5-EV	2345.00	271.00	276.91		277.05	0.002513	2.97	788.26	205.26	0.27
Bell-2-Gober	49574	2-EV	520.00	271.00	274.02		274.09	0.004316	2.14	243.28	161.38	0.31
Bell-2-Gober	49425	100-EV	20080.00	270.15	284.69	279.47	285.65	0.006121	7.85	2557.26	241.19	0.43
Bell-2-Gober	49425	50-EV	17683.00	270.15	283.98	278.91	284.84	0.005806	7.41	2387.03	236.85	0.41
Bell-2-Gober	49425	25-EV	14798.00	270.15	283.07	278.20	283.79	0.005356	6.81	2173.43	231.21	0.39
Bell-2-Gober	49425	10-EV	7101.00	270.15	279.86	275.86	280.22	0.004066	4.86	1460.91	212.51	0.33
Bell-2-Gober	49425	5-EV	2345.00	270.15	276.50	273.57	276.64	0.003005	3.00	780.80	191.16	0.26
Bell-2-Gober	49425	2-EV	520.00	270.15	273.57	271.77	273.62	0.002366	1.81	286.55	138.32	0.22
Bell-2-Gober	49199	100-EV	20080.00	270.00	284.20		284.63	0.002594	5.25	3825.79	456.61	0.32
Bell-2-Gober	49199	50-EV	17683.00	270.00	283.45		283.85	0.002628	5.07	3486.71	442.34	0.32
Bell-2-Gober	49199	25-EV	14798.00	270.00	282.50		282.86	0.002634	4.78	3098.25	391.17	0.30
Bell-2-Gober	49199	10-EV	7101.00	270.00	279.15		279.39	0.003062	3.89	1824.49	369.84	0.31
Bell-2-Gober	49199	5-EV	2345.00	270.00	275.80		275.95	0.003151	3.09	757.87	217.85	0.29
Bell-2-Gober	49199	2-EV	520.00	270.00	272.96		273.03	0.002919	2.07	250.97	130.55	0.26
Bell-2-Gober	49049	100-EV	20080.00	270.00	283.97		284.25	0.001990	4.24	4740.78	503.10	0.24
Bell-2-Gober	49049	50-EV	17683.00	270.00	283.23		283.49	0.001778	4.03	4385.23	460.45	0.23
Bell-2-Gober	49049	25-EV	14798.00	270.00	282.29		282.50	0.001698	3.74	3955.19	449.14	0.22

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	49049	10-EV	7101.00	270.00	278.89		279.02	0.001750	2.88	2468.74	427.02	0.21
Bell-2-Gober	49049	5-EV	2345.00	270.00	275.33		275.42	0.003677	2.37	990.81	402.07	0.27
Bell-2-Gober	49049	2-EV	520.00	270.00	272.30		272.41	0.006226	2.60	200.02	117.95	0.35
Bell-2-Gober	48824	100-EV	20080.00	269.00	283.53		283.78	0.002115	3.97	5054.49	481.30	0.22
Bell-2-Gober	48824	50-EV	17683.00	269.00	282.83		283.05	0.002041	3.75	4717.37	476.41	0.21
Bell-2-Gober	48824	25-EV	14798.00	269.00	281.90		282.08	0.001956	3.46	4277.06	470.88	0.20
Bell-2-Gober	48824	10-EV	7101.00	269.00	278.49		278.60	0.001943	2.62	2706.43	444.07	0.19
Bell-2-Gober	48824	5-EV	2345.00	269.00	274.50		274.57	0.003783	2.17	1082.48	379.01	0.23
Bell-2-Gober	48824	2-EV	520.00	269.00	271.22		271.31	0.003896	2.37	219.03	111.40	0.30
Bell-2-Gober	48524	100-EV	20080.00	267.01	282.58		282.99	0.003247	5.08	3948.88	392.47	0.28
Bell-2-Gober	48524	50-EV	17683.00	267.01	281.93		282.29	0.003085	4.79	3695.40	386.51	0.27
Bell-2-Gober	48524	25-EV	14798.00	267.01	281.07		281.37	0.002837	4.39	3368.08	374.48	0.26
Bell-2-Gober	48524	10-EV	7101.00	267.01	277.76		277.92	0.002575	3.26	2178.84	350.21	0.23
Bell-2-Gober	48524	5-EV	2345.00	267.01	273.47		273.59	0.002823	2.75	851.50	201.68	0.24
Bell-2-Gober	48524	2-EV	520.00	267.01	270.43		270.47	0.002034	1.63	318.47	145.47	0.19
Bell-2-Gober	48374	100-EV	20080.00	267.00	281.69	276.09	282.31	0.006004	6.36	3157.52	386.69	0.39
Bell-2-Gober	48374	50-EV	17683.00	267.00	281.07	275.53	281.64	0.005894	6.05	2923.31	379.00	0.38
Bell-2-Gober	48374	25-EV	14798.00	267.00	280.27	274.82	280.76	0.005756	5.64	2622.52	368.54	0.37
Bell-2-Gober	48374	10-EV	7101.00	267.00	277.18	272.29	277.46	0.003489	4.30	1651.88	229.54	0.28
Bell-2-Gober	48374	5-EV	2345.00	267.00	272.96	270.07	273.11	0.003564	3.10	757.09	176.04	0.26
Bell-2-Gober	48374	2-EV	520.00	267.00	270.05	268.44	270.10	0.003068	1.83	283.89	137.35	0.22
Bell-2-Gober	48224	100-EV	20080.00	266.00	280.08	276.93	281.02	0.012527	7.78	2579.72	365.35	0.52
Bell-2-Gober	48224	50-EV	17683.00	266.00	279.51	276.43	280.37	0.012377	7.45	2374.53	354.54	0.51
Bell-2-Gober	48224	25-EV	14798.00	266.00	278.76	275.67	279.53	0.012099	6.99	2115.80	338.85	0.49
Bell-2-Gober	48224	10-EV	7101.00	266.00	276.15	271.93	276.60	0.010577	5.39	1317.76	271.15	0.43
Bell-2-Gober	48224	5-EV	2345.00	266.00	272.36	269.29	272.57	0.003564	3.65	642.58	133.07	0.29
Bell-2-Gober	48224	2-EV	520.00	266.00	269.76	267.60	269.80	0.001408	1.62	320.29	115.34	0.17
Bell-2-Gober	47999	100-EV	20080.00	266.00	278.60	275.12	279.17	0.005229	6.08	3303.89	485.85	0.41
Bell-2-Gober	47999	50-EV	17683.00	266.00	278.04	274.71	278.56	0.005105	5.83	3034.55	475.96	0.41
Bell-2-Gober	47999	25-EV	14798.00	266.00	277.31	274.18	277.78	0.004916	5.49	2694.48	464.73	0.40
Bell-2-Gober	47999	10-EV	7101.00	266.00	274.86	271.68	275.16	0.004034	4.39	1617.48	396.20	0.38
Bell-2-Gober	47999	5-EV	2345.00	266.00	271.42	269.69	271.64	0.004839	3.73	628.09	196.46	0.37
Bell-2-Gober	47999	2-EV	520.00	266.00	269.20	267.82	269.28	0.004228	2.30	225.79	165.79	0.35
Bell-2-Gober	47774	100-EV	20080.00	265.00	277.14	274.03	277.74	0.007940	6.24	3216.42	485.12	0.43
Bell-2-Gober	47774	50-EV	17683.00	265.00	276.59	273.69	277.14	0.008057	5.99	2952.16	478.51	0.43
Bell-2-Gober	47774	25-EV	14798.00	265.00	275.88	273.25	276.38	0.008231	5.65	2618.30	469.74	0.42
Bell-2-Gober	47774	10-EV	7101.00	265.00	273.41	270.64	273.76	0.011029	4.74	1496.67	431.28	0.45
Bell-2-Gober	47774	5-EV	2345.00	265.00	270.04	268.65	270.31	0.007379	4.19	559.89	191.03	0.43
Bell-2-Gober	47774	2-EV	520.00	265.00	267.99	267.14	268.09	0.007027	2.58	201.85	142.60	0.38
Bell-2-Gober	47625	100-EV	20080.00	263.00	276.13		276.62	0.006593	5.61	3579.10	555.81	0.39
Bell-2-Gober	47625	50-EV	17683.00	263.00	275.53		275.99	0.006954	5.45	3247.48	548.23	0.39
Bell-2-Gober	47625	25-EV	14798.00	263.00	274.74		275.17	0.007668	5.26	2815.20	538.18	0.41
Bell-2-Gober	47625	10-EV	7101.00	263.00	271.65		272.10	0.010905	5.37	1322.29	354.53	0.49
Bell-2-Gober	47625	5-EV	2345.00	263.00	268.67		269.00	0.010333	4.61	508.77	198.94	0.51
Bell-2-Gober	47625	2-EV	520.00	263.00	266.65		266.81	0.010572	3.21	161.79	113.38	0.47
Bell-2-Gober	47474	100-EV	20080.00	261.07	274.98		275.69	0.005493	6.78	2960.79	473.56	0.48
Bell-2-Gober	47474	50-EV	17683.00	261.07	274.35		275.03	0.005569	6.62	2669.23	457.03	0.48
Bell-2-Gober	47474	25-EV	14798.00	261.07	273.49		274.14	0.005797	6.48	2284.30	436.89	0.50
Bell-2-Gober	47474	10-EV	7101.00	261.07	270.41		270.87	0.006254	5.47	1297.92	279.14	0.45
Bell-2-Gober	47474	5-EV	2345.00	261.07	267.28		267.61	0.008369	4.58	511.94	180.59	0.48
Bell-2-Gober	47474	2-EV	520.00	261.07	264.47		264.75	0.018046	4.26	122.17	83.91	0.62
Bell-2-Gober	47324	100-EV	20080.00	260.02	273.82		274.71	0.007672	7.58	2648.85	425.83	0.54
Bell-2-Gober	47324	50-EV	17683.00	260.02	273.24		274.07	0.007203	7.32	2415.73	385.21	0.52
Bell-2-Gober	47324	25-EV	14798.00	260.02	272.48		273.22	0.006442	6.91	2141.97	330.00	0.48
Bell-2-Gober	47324	10-EV	7101.00	260.02	269.55		270.01	0.005326	5.42	1309.11	257.11	0.42
Bell-2-Gober	47324	5-EV	2345.00	260.02	266.36		266.60	0.005256	3.96	591.46	188.08	0.39
Bell-2-Gober	47324	2-EV	520.00	260.02	263.37		263.48	0.004602	2.64	197.04	99.76	0.33
Bell-2-Gober	47174	100-EV	20080.00	258.76	270.26	270.26	272.61	0.027009	12.31	1631.38	352.25	1.01
Bell-2-Gober	47174	50-EV	17683.00	258.76	269.76	269.76	272.03	0.028240	12.09	1462.24	321.82	1.00
Bell-2-Gober	47174	25-EV	14798.00	258.76	269.02	269.02	271.23	0.032049	11.94	1239.26	283.08	1.01
Bell-2-Gober	47174	10-EV	7101.00	258.76	266.42	266.42	268.20	0.036760	10.71	663.23	187.80	1.00
Bell-2-Gober	47174	5-EV	2345.00	258.76	263.52	263.52	264.80	0.040642	9.09	258.01	102.60	1.01
Bell-2-Gober	47174	2-EV	520.00	258.76	261.12	261.12	261.81	0.048857	6.65	78.18	58.68	1.02
Bell-2-Gober	47059	100-EV	20080.00	254.20	269.91	264.24	271.02	0.003780	8.44	2379.55	200.50	0.43
Bell-2-Gober	47059	50-EV	17683.00	254.20	268.79	263.62	269.84	0.003950	8.19	2157.86	196.09	0.44
Bell-2-Gober	47059	25-EV	14798.00	254.20	267.33	262.81	268.30	0.004256	7.89	1875.14	190.34	0.44
Bell-2-Gober	47059	10-EV	7101.00	254.20	263.05	260.25	263.70	0.005241	6.48	1095.52	173.57	0.45
Bell-2-Gober	47059	5-EV	2345.00	254.20	259.44	257.39	259.78	0.006010	4.63	506.58	143.32	0.43
Bell-2-Gober	47059	2-EV	520.00	254.20	256.91	255.59	257.00	0.003587	2.46	211.21	98.71	0.30

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	46994		Bridge									
Bell-2-Gober	46931	100-EV	20080.00	251.76	266.66		267.89	0.004329	8.93	2248.72	181.08	0.45
Bell-2-Gober	46931	50-EV	17683.00	251.76	265.46		266.63	0.004554	8.69	2034.44	176.74	0.45
Bell-2-Gober	46931	25-EV	14798.00	251.76	263.88		264.98	0.004967	8.41	1760.40	171.02	0.46
Bell-2-Gober	46931	10-EV	7101.00	251.76	259.35		260.10	0.006219	6.95	1021.89	154.58	0.48
Bell-2-Gober	46931	5-EV	2345.00	251.76	255.90		256.22	0.006226	4.60	510.12	142.07	0.43
Bell-2-Gober	46931	2-EV	520.00	251.76	253.62		253.73	0.006283	2.63	197.93	127.67	0.37
Bell-2-Gober	46887	100-EV	20080.00	251.57	266.72	260.21	267.51	0.003141	7.14	2813.68	304.66	0.37
Bell-2-Gober	46887	50-EV	17683.00	251.57	265.49	259.55	266.26	0.003382	7.02	2518.03	296.26	0.38
Bell-2-Gober	46887	25-EV	14798.00	251.57	263.87	258.73	264.61	0.003845	6.94	2132.21	284.49	0.41
Bell-2-Gober	46887	10-EV	7101.00	251.57	259.17	256.16	259.77	0.005244	6.26	1135.02	176.31	0.43
Bell-2-Gober	46887	5-EV	2345.00	251.57	255.66	253.96	255.94	0.005415	4.24	552.55	157.05	0.40
Bell-2-Gober	46887	2-EV	520.00	251.57	253.34	252.63	253.45	0.006505	2.55	203.69	142.36	0.38
Bell-2-Gober	46841	100-EV	20080.00	251.38	266.79	258.95	267.30	0.002434	5.73	3506.86	352.93	0.29
Bell-2-Gober	46841	50-EV	17683.00	251.38	265.55	258.37	266.04	0.002682	5.63	3141.80	342.55	0.30
Bell-2-Gober	46841	25-EV	14798.00	251.38	263.90	257.63	264.38	0.003163	5.55	2666.60	332.68	0.32
Bell-2-Gober	46841	10-EV	7101.00	251.38	259.13	255.36	259.52	0.003528	4.98	1425.88	214.91	0.34
Bell-2-Gober	46841	5-EV	2345.00	251.38	255.56	253.46	255.73	0.003231	3.33	704.98	191.46	0.31
Bell-2-Gober	46841	2-EV	520.00	251.38	253.13	252.35	253.20	0.004293	2.04	254.40	179.49	0.30
Bell-2-Gober	46786	100-EV	20080.00	251.14	266.82		267.15	0.001494	4.56	4459.68	476.79	0.25
Bell-2-Gober	46786	50-EV	17683.00	251.14	265.55		265.88	0.001748	4.59	3865.95	443.85	0.26
Bell-2-Gober	46786	25-EV	14798.00	251.14	263.87		264.20	0.001965	4.63	3196.95	365.50	0.28
Bell-2-Gober	46786	10-EV	7101.00	251.14	259.06		259.33	0.002209	4.18	1697.10	246.38	0.28
Bell-2-Gober	46786	5-EV	2345.00	251.14	255.46		255.58	0.002012	2.73	859.62	221.98	0.24
Bell-2-Gober	46786	2-EV	520.00	251.14	252.99		253.03	0.002291	1.60	325.24	207.33	0.23
Bell-2-Gober	46738	100-EV	20080.00	250.34	266.79		267.05	0.001553	4.09	4907.49	515.95	0.23
Bell-2-Gober	46738	50-EV	17683.00	250.34	265.51		265.77	0.001605	4.14	4270.37	471.05	0.24
Bell-2-Gober	46738	25-EV	14798.00	250.34	263.82		264.09	0.001592	4.16	3557.73	386.19	0.24
Bell-2-Gober	46738	10-EV	7101.00	250.34	259.02		259.22	0.001493	3.60	1975.08	269.08	0.23
Bell-2-Gober	46738	5-EV	2345.00	250.34	255.41		255.49	0.001229	2.25	1041.01	248.20	0.19
Bell-2-Gober	46738	2-EV	520.00	250.34	252.93		252.96	0.000870	1.15	450.66	226.78	0.14
Bell-2-Gober	46499	100-EV	20080.00	249.00	266.47		266.74	0.001124	4.14	4855.46	525.62	0.24
Bell-2-Gober	46499	50-EV	17683.00	249.00	265.16		265.43	0.001293	4.19	4215.94	450.16	0.24
Bell-2-Gober	46499	25-EV	14798.00	249.00	263.46		263.74	0.001408	4.18	3538.26	387.12	0.24
Bell-2-Gober	46499	10-EV	7101.00	249.00	258.48		258.75	0.002656	4.13	1718.03	295.75	0.30
Bell-2-Gober	46499	5-EV	2345.00	249.00	254.75		254.94	0.005438	3.45	680.51	261.04	0.38
Bell-2-Gober	46499	2-EV	520.00	249.00	252.34		252.47	0.008609	2.84	182.91	132.28	0.43
Bell-2-Gober	46348	100-EV	20080.00	248.10	266.32		266.50	0.001721	3.48	5761.94	629.65	0.20
Bell-2-Gober	46348	50-EV	17683.00	248.10	264.95		265.16	0.002216	3.60	4911.19	620.84	0.23
Bell-2-Gober	46348	25-EV	14798.00	248.10	263.19		263.42	0.003167	3.85	3839.68	572.98	0.26
Bell-2-Gober	46348	10-EV	7101.00	248.10	258.05		258.29	0.003371	3.93	1808.58	357.84	0.31
Bell-2-Gober	46348	5-EV	2345.00	248.10	253.80		254.02	0.006733	3.78	620.88	234.06	0.41
Bell-2-Gober	46348	2-EV	520.00	248.10	251.33		251.42	0.005551	2.49	209.14	125.23	0.34
Bell-2-Gober	46198	100-EV	20080.00	247.20	265.91		266.19	0.002435	4.29	4684.00	577.63	0.27
Bell-2-Gober	46198	50-EV	17683.00	247.20	264.49		264.80	0.002340	4.47	3957.82	458.33	0.27
Bell-2-Gober	46198	25-EV	14798.00	247.20	262.78		263.09	0.001518	4.47	3313.76	290.97	0.23
Bell-2-Gober	46198	10-EV	7101.00	247.20	257.69		257.91	0.001927	3.76	1890.66	269.78	0.25
Bell-2-Gober	46198	5-EV	2345.00	247.20	253.05		253.22	0.004171	3.32	706.18	222.63	0.33
Bell-2-Gober	46198	2-EV	520.00	247.20	250.30		250.42	0.008227	2.80	185.96	126.37	0.41
Bell-2-Gober	46048	100-EV	20080.00	245.37	265.53		265.89	0.001550	4.86	4131.86	498.91	0.30
Bell-2-Gober	46048	50-EV	17683.00	245.37	264.08		264.49	0.001796	5.13	3445.22	442.31	0.32
Bell-2-Gober	46048	25-EV	14798.00	245.37	262.36		262.81	0.002086	5.38	2752.98	336.51	0.33
Bell-2-Gober	46048	10-EV	7101.00	245.37	257.17		257.54	0.002966	4.87	1458.03	216.54	0.33
Bell-2-Gober	46048	5-EV	2345.00	245.37	252.32		252.57	0.004402	4.03	581.45	148.49	0.36
Bell-2-Gober	46048	2-EV	520.00	245.37	249.35		249.46	0.005152	2.66	195.29	105.71	0.35
Bell-2-Gober	45898	100-EV	20080.00	245.00	265.27	255.89	265.68	0.001246	5.15	3899.98	282.16	0.24
Bell-2-Gober	45898	50-EV	17683.00	245.00	263.86	255.37	264.25	0.001347	5.04	3507.10	273.71	0.25
Bell-2-Gober	45898	25-EV	14798.00	245.00	262.16	254.70	262.53	0.001472	4.85	3050.63	265.90	0.25
Bell-2-Gober	45898	10-EV	7101.00	245.00	256.86	251.83	257.13	0.002213	4.21	1688.14	247.76	0.28
Bell-2-Gober	45898	5-EV	2345.00	245.00	251.71	249.36	251.93	0.004019	3.83	612.01	159.73	0.35
Bell-2-Gober	45898	2-EV	520.00	245.00	248.43	247.26	248.57	0.006759	2.99	173.64	97.02	0.39
Bell-2-Gober	45748	100-EV	20080.00	245.00	264.93		265.43	0.002151	5.69	3529.72	286.28	0.29
Bell-2-Gober	45748	50-EV	17683.00	245.00	263.50		264.00	0.002104	5.63	3142.60	257.48	0.28
Bell-2-Gober	45748	25-EV	14798.00	245.00	261.80		262.26	0.002057	5.43	2725.11	235.38	0.28
Bell-2-Gober	45748	10-EV	7101.00	245.00	256.49		256.80	0.002201	4.48	1583.99	199.97	0.28
Bell-2-Gober	45748	5-EV	2345.00	245.00	251.18		251.40	0.003220	3.70	633.12	144.13	0.31
Bell-2-Gober	45748	2-EV	520.00	245.00	247.80		247.89	0.003224	2.39	217.20	96.75	0.28
Bell-2-Gober	45598	100-EV	20080.00	244.12	263.16	258.12	264.82	0.005754	10.32	1946.23	202.69	0.59
Bell-2-Gober	45598	50-EV	17683.00	244.12	261.48	257.07	263.33	0.006772	10.93	1617.58	187.24	0.66

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	45598	25-EV	14798.00	244.12	259.62	255.64	261.57	0.007538	11.21	1320.33	135.98	0.63
Bell-2-Gober	45598	10-EV	7101.00	244.12	254.94	251.66	256.16	0.007241	8.85	802.04	94.46	0.54
Bell-2-Gober	45598	5-EV	2345.00	244.12	250.01	248.09	250.62	0.008321	6.27	374.30	78.77	0.51
Bell-2-Gober	45598	2-EV	520.00	244.12	247.10	245.84	247.26	0.005350	3.22	161.53	67.25	0.37
Bell-2-Gober	45523	100-EV	20080.00	243.97	262.82	256.01	264.30	0.006858	9.75	2058.50	257.61	0.49
Bell-2-Gober	45523	50-EV	17683.00	243.97	261.22	255.13	262.71	0.006846	9.79	1805.74	226.23	0.50
Bell-2-Gober	45523	25-EV	14798.00	243.97	259.48	254.04	260.88	0.006667	9.48	1560.79	201.06	0.49
Bell-2-Gober	45523	10-EV	7101.00	243.97	254.78	250.53	255.57	0.005214	7.16	991.98	129.94	0.42
Bell-2-Gober	45523	5-EV	2345.00	243.97	249.60	247.44	250.02	0.006275	5.22	448.85	97.44	0.43
Bell-2-Gober	45523	2-EV	520.00	243.97	246.76	245.52	246.88	0.004476	2.75	188.82	85.05	0.33
Bell-2-Gober	45373	100-EV	20271.00	243.00	262.57		263.45	0.003134	7.53	2693.50	189.59	0.35
Bell-2-Gober	45373	50-EV	17838.00	243.00	260.98		261.84	0.003271	7.43	2400.80	179.72	0.36
Bell-2-Gober	45373	25-EV	14929.00	243.00	259.22		260.01	0.003350	7.14	2092.05	171.43	0.36
Bell-2-Gober	45373	10-EV	7083.00	243.00	254.44		254.89	0.002940	5.39	1314.23	153.78	0.33
Bell-2-Gober	45373	5-EV	2457.00	243.00	248.77		249.12	0.005556	4.72	520.39	123.74	0.41
Bell-2-Gober	45373	2-EV	611.00	243.00	245.63		245.83	0.011042	3.65	167.18	100.07	0.50
Bell-2-Gober	45298	100-EV	20271.00	242.01	262.53		263.18	0.002304	6.46	3138.30	216.21	0.30
Bell-2-Gober	45298	50-EV	17838.00	242.01	260.93		261.56	0.002401	6.36	2803.48	203.84	0.30
Bell-2-Gober	45298	25-EV	14929.00	242.01	259.16		259.73	0.002421	6.09	2453.09	191.73	0.30
Bell-2-Gober	45298	10-EV	7083.00	242.01	254.36		254.67	0.001980	4.47	1586.27	171.18	0.26
Bell-2-Gober	45298	5-EV	2457.00	242.01	248.54		248.75	0.003439	3.74	656.23	144.71	0.31
Bell-2-Gober	45298	2-EV	611.00	242.01	244.83		245.02	0.010500	3.48	175.62	108.75	0.48
Bell-2-Gober	45147	100-EV	20271.00	240.09	262.46		262.84	0.001327	4.93	4113.42	272.65	0.22
Bell-2-Gober	45147	50-EV	17838.00	240.09	260.87		261.23	0.001191	4.81	3710.29	242.42	0.22
Bell-2-Gober	45147	25-EV	14929.00	240.09	259.09		259.41	0.001140	4.54	3288.57	231.18	0.21
Bell-2-Gober	45147	10-EV	7083.00	240.09	254.28		254.44	0.000845	3.19	2220.36	214.85	0.17
Bell-2-Gober	45147	5-EV	2457.00	240.09	248.35		248.44	0.001120	2.43	1010.07	190.31	0.19
Bell-2-Gober	45147	2-EV	611.00	240.09	243.75		243.87	0.005648	2.72	224.57	125.76	0.36
Bell-2-Gober	44998	100-EV	20271.00	239.12	262.06		262.53	0.003293	5.52	3671.39	349.02	0.30
Bell-2-Gober	44998	50-EV	17838.00	239.12	260.51		260.99	0.002129	5.56	3205.76	254.17	0.28
Bell-2-Gober	44998	25-EV	14929.00	239.12	258.73		259.18	0.002028	5.38	2777.22	232.19	0.27
Bell-2-Gober	44998	10-EV	7083.00	239.12	254.03		254.28	0.001268	3.96	1787.40	179.82	0.22
Bell-2-Gober	44998	5-EV	2457.00	239.12	248.15		248.27	0.001106	2.82	871.06	133.67	0.19
Bell-2-Gober	44998	2-EV	611.00	239.12	243.22		243.30	0.002659	2.27	269.46	112.50	0.26
Bell-2-Gober	44848	100-EV	20271.00	238.00	260.66		261.73	0.008136	8.33	2432.49	216.63	0.44
Bell-2-Gober	44848	50-EV	17838.00	238.00	259.33		260.39	0.007540	8.25	2160.92	191.74	0.43
Bell-2-Gober	44848	25-EV	14929.00	238.00	257.60		258.61	0.007100	8.06	1852.35	170.25	0.43
Bell-2-Gober	44848	10-EV	7083.00	238.00	253.38		253.92	0.004627	5.92	1196.29	140.17	0.36
Bell-2-Gober	44848	5-EV	2457.00	238.00	247.73		248.02	0.002471	4.27	575.58	83.05	0.29
Bell-2-Gober	44848	2-EV	611.00	238.00	242.77		242.90	0.002600	2.84	215.47	62.79	0.27
Bell-2-Gober	44698	100-EV	20271.00	237.06	259.50		260.55	0.007599	8.22	2465.86	212.81	0.43
Bell-2-Gober	44698	50-EV	17838.00	237.06	258.32		259.32	0.006593	8.00	2229.61	186.45	0.41
Bell-2-Gober	44698	25-EV	14929.00	237.06	256.72		257.62	0.005780	7.63	1956.61	163.44	0.39
Bell-2-Gober	44698	10-EV	7083.00	237.06	252.87		253.29	0.003411	5.20	1362.59	145.47	0.30
Bell-2-Gober	44698	5-EV	2457.00	237.06	247.41		247.62	0.002605	3.68	668.55	95.53	0.24
Bell-2-Gober	44698	2-EV	611.00	237.06	242.43		242.52	0.002306	2.34	261.60	68.48	0.21
Bell-2-Gober	44548	100-EV	20271.00	236.97	258.60		259.38	0.006975	7.08	2864.48	303.22	0.41
Bell-2-Gober	44548	50-EV	17838.00	236.97	257.56		258.30	0.005917	6.92	2578.00	241.44	0.37
Bell-2-Gober	44548	25-EV	14929.00	236.97	256.16		256.83	0.004064	6.53	2287.20	194.34	0.34
Bell-2-Gober	44548	10-EV	7083.00	236.97	252.51		252.81	0.002600	4.43	1600.00	181.78	0.26
Bell-2-Gober	44548	5-EV	2457.00	236.97	247.14		247.29	0.001703	3.10	793.77	102.27	0.20
Bell-2-Gober	44548	2-EV	611.00	236.97	242.18		242.24	0.001476	1.85	330.67	84.34	0.16
Bell-2-Gober	44398	100-EV	20271.00	236.20	255.77	253.72	257.87	0.012465	11.62	1745.07	206.92	0.71
Bell-2-Gober	44398	50-EV	17838.00	236.20	254.74	253.17	256.84	0.014450	11.62	1535.46	200.30	0.74
Bell-2-Gober	44398	25-EV	14929.00	236.20	253.47	252.30	255.56	0.017604	11.61	1285.36	191.60	0.79
Bell-2-Gober	44398	10-EV	7083.00	236.20	249.68	249.62	251.69	0.033223	11.37	622.69	150.04	0.98
Bell-2-Gober	44398	5-EV	2457.00	236.20	244.66	243.90	246.48	0.023448	10.84	226.72	42.90	0.83
Bell-2-Gober	44398	2-EV	611.00	236.20	240.91		241.63	0.018995	6.79	90.01	30.09	0.69
Bell-2-Gober	44248	100-EV	20271.00	236.01	249.91	249.91	255.02	0.024478	18.13	1118.11	110.70	1.01
Bell-2-Gober	44248	50-EV	17838.00	236.01	248.97	248.97	253.77	0.025123	17.57	1015.33	107.10	1.01
Bell-2-Gober	44248	25-EV	14929.00	236.01	247.76	247.76	252.15	0.026155	16.80	888.79	102.49	1.01
Bell-2-Gober	44248	10-EV	7083.00	236.01	243.88	243.88	246.79	0.030807	13.70	517.14	89.02	1.00
Bell-2-Gober	44248	5-EV	2457.00	236.01	240.44	240.44	242.10	0.036357	10.32	238.00	71.96	1.00
Bell-2-Gober	44248	2-EV	611.00	236.01	238.81		239.15	0.013231	4.70	130.14	60.59	0.56
Bell-2-Gober	44098	100-EV	20271.00	235.16	239.72	241.80	246.86	0.191948	21.44	945.46	303.36	2.14
Bell-2-Gober	44098	50-EV	17838.00	235.16	239.55	241.37	245.71	0.176330	19.90	896.27	302.15	2.04
Bell-2-Gober	44098	25-EV	14929.00	235.16	239.37	240.84	244.27	0.151897	17.77	840.20	300.74	1.87
Bell-2-Gober	44098	10-EV	7083.00	235.16	240.51	239.13	241.06	0.011325	5.96	1188.36	309.29	0.54
Bell-2-Gober	44098	5-EV	2457.00	235.16	238.77	237.79	238.98	0.008846	3.71	661.76	295.67	0.44
Bell-2-Gober	44098	2-EV	611.00	235.16	237.48		237.55	0.008052	2.12	288.58	282.95	0.37

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	43948	100-EV	20271.00	234.11	242.27	239.94	243.10	0.007927	7.30	2776.01	440.66	0.51
Bell-2-Gober	43948	50-EV	17838.00	234.11	241.81	239.60	242.56	0.007834	6.93	2572.84	438.31	0.50
Bell-2-Gober	43948	25-EV	14929.00	234.11	241.22	239.17	241.87	0.007706	6.45	2315.13	435.31	0.49
Bell-2-Gober	43948	10-EV	7083.00	234.11	239.31	237.83	239.66	0.007210	4.75	1492.13	425.73	0.45
Bell-2-Gober	43948	5-EV	2457.00	234.11	237.66	236.68	237.80	0.006783	3.09	795.77	416.00	0.39
Bell-2-Gober	43948	2-EV	611.00	234.11	236.47	235.84	236.52	0.005843	1.83	333.09	340.43	0.33
Bell-2-Gober	43798	100-EV	20271.00	232.25	241.15	238.75	241.88	0.008021	6.86	2955.83	481.59	0.49
Bell-2-Gober	43798	50-EV	17838.00	232.25	240.69	238.42	241.35	0.007964	6.52	2735.89	479.09	0.48
Bell-2-Gober	43798	25-EV	14929.00	232.25	240.11	238.02	240.68	0.007894	6.08	2456.51	475.90	0.47
Bell-2-Gober	43798	10-EV	7083.00	232.25	238.23	236.75	238.55	0.007531	4.50	1573.47	465.01	0.43
Bell-2-Gober	43798	5-EV	2457.00	232.25	236.66	235.62	236.79	0.006822	2.89	848.97	454.95	0.37
Bell-2-Gober	43798	2-EV	611.00	232.25	235.22	234.64	235.30	0.012168	2.27	269.68	315.87	0.43
Bell-2-Gober	43573	100-EV	20271.00	228.57	239.39	236.94	240.04	0.008102	6.44	3146.60	534.05	0.47
Bell-2-Gober	43573	50-EV	17838.00	228.57	238.93	236.65	239.52	0.008117	6.15	2900.99	529.85	0.46
Bell-2-Gober	43573	25-EV	14929.00	228.57	238.33	236.25	238.85	0.008184	5.77	2587.21	524.43	0.46
Bell-2-Gober	43573	10-EV	7083.00	228.57	236.35	234.88	236.67	0.009228	4.52	1565.90	505.22	0.45
Bell-2-Gober	43573	5-EV	2457.00	228.57	234.20	233.06	234.46	0.017014	4.09	600.82	344.36	0.55
Bell-2-Gober	43573	2-EV	611.00	228.57	231.56	230.61	231.83	0.019764	4.19	145.68	64.81	0.49
Bell-2-Gober	43423	100-EV	20271.00	226.06	238.14	235.61	238.78	0.008645	6.40	3166.05	576.77	0.46
Bell-2-Gober	43423	50-EV	17838.00	226.06	237.69	235.30	238.27	0.008485	6.09	2931.27	567.82	0.45
Bell-2-Gober	43423	25-EV	14929.00	226.06	237.11	234.89	237.61	0.008252	5.67	2631.61	556.30	0.44
Bell-2-Gober	43423	10-EV	7083.00	226.06	235.15	233.29	235.44	0.007240	4.34	1631.24	500.29	0.42
Bell-2-Gober	43423	5-EV	2457.00	226.06	232.52	230.25	232.77	0.007921	4.02	611.64	197.22	0.40
Bell-2-Gober	43423	2-EV	611.00	226.06	229.89	228.35	229.99	0.007950	2.52	242.05	121.14	0.31
Bell-2-Gober	43273	100-EV	20271.00	226.00	236.45	234.74	237.24	0.012085	7.15	2833.34	600.77	0.56
Bell-2-Gober	43273	50-EV	17838.00	226.00	235.98	234.45	236.73	0.012443	6.93	2572.35	590.26	0.57
Bell-2-Gober	43273	25-EV	14929.00	226.00	235.38	234.06	236.07	0.012989	6.66	2241.15	577.70	0.58
Bell-2-Gober	43273	10-EV	7083.00	226.00	233.30	232.60	233.87	0.015767	6.09	1162.44	469.20	0.68
Bell-2-Gober	43273	5-EV	2457.00	226.00	230.95	229.12	231.33	0.011858	4.94	497.66	130.64	0.45
Bell-2-Gober	43273	2-EV	611.00	226.00	228.62	227.38	228.74	0.008873	2.75	221.85	104.69	0.33
Bell-2-Gober	43123	100-EV	20271.00	224.06	235.34	232.44	235.85	0.006574	5.75	3524.80	681.97	0.41
Bell-2-Gober	43123	50-EV	17838.00	224.06	234.87	232.13	235.34	0.006442	5.49	3249.17	639.88	0.41
Bell-2-Gober	43123	25-EV	14929.00	224.06	234.27	231.72	234.68	0.006233	5.14	2903.23	614.05	0.40
Bell-2-Gober	43123	10-EV	7083.00	224.06	232.29	230.30	232.53	0.005087	3.91	1813.62	527.62	0.37
Bell-2-Gober	43123	5-EV	2457.00	224.06	230.13	227.82	230.28	0.004095	3.10	793.06	375.26	0.38
Bell-2-Gober	43123	2-EV	611.00	224.06	227.39	226.47	227.49	0.007759	2.54	240.83	144.20	0.35
Bell-2-Gober	42973	100-EV	20271.00	224.00	234.33		234.78	0.007486	5.38	3766.51	639.52	0.39
Bell-2-Gober	42973	50-EV	17838.00	224.00	233.86		234.27	0.007595	5.15	3465.11	635.95	0.39
Bell-2-Gober	42973	25-EV	14929.00	224.00	233.26		233.62	0.007761	4.84	3084.50	631.41	0.39
Bell-2-Gober	42973	10-EV	7083.00	224.00	231.35		231.56	0.008274	3.73	1897.22	603.43	0.37
Bell-2-Gober	42973	5-EV	2457.00	224.00	229.39		229.50	0.006571	2.72	902.76	384.80	0.31
Bell-2-Gober	42973	2-EV	611.00	224.00	226.67		226.72	0.003474	1.85	329.83	150.52	0.22
Bell-2-Gober	42823	100-EV	20271.00	223.75	233.25		233.68	0.007177	5.23	3875.54	627.02	0.37
Bell-2-Gober	42823	50-EV	17838.00	223.75	232.76		233.15	0.007268	5.00	3569.93	624.67	0.37
Bell-2-Gober	42823	25-EV	14929.00	223.75	232.14		232.48	0.007396	4.69	3181.47	620.41	0.37
Bell-2-Gober	42823	10-EV	7083.00	223.75	230.12		230.33	0.008198	3.64	1947.02	601.53	0.36
Bell-2-Gober	42823	5-EV	2457.00	223.75	228.34		228.44	0.007709	2.54	967.34	476.96	0.31
Bell-2-Gober	42823	2-EV	611.00	223.75	225.68		225.80	0.013616	2.79	218.69	146.96	0.40
Bell-2-Gober	42673	100-EV	20271.00	222.00	232.26		232.67	0.006209	5.10	3975.66	642.89	0.36
Bell-2-Gober	42673	50-EV	17838.00	222.00	231.75		232.12	0.006348	4.89	3649.25	639.33	0.36
Bell-2-Gober	42673	25-EV	14929.00	222.00	231.10		231.43	0.006560	4.62	3232.80	632.38	0.36
Bell-2-Gober	42673	10-EV	7083.00	222.00	228.94		229.15	0.007511	3.70	1915.93	582.40	0.36
Bell-2-Gober	42673	5-EV	2457.00	222.00	226.95		227.08	0.010698	2.90	845.94	477.69	0.38
Bell-2-Gober	42673	2-EV	611.00	222.00	224.60		224.66	0.004688	1.97	309.64	175.98	0.26
Bell-2-Gober	42523	100-EV	20271.00	221.74	231.62		231.92	0.003744	4.41	4597.99	704.76	0.30
Bell-2-Gober	42523	50-EV	17838.00	221.74	231.10		231.38	0.003751	4.21	4232.19	697.36	0.30
Bell-2-Gober	42523	25-EV	14929.00	221.74	230.43		230.67	0.003772	3.96	3766.38	687.73	0.30
Bell-2-Gober	42523	10-EV	7083.00	221.74	228.20		228.35	0.003805	3.12	2272.71	653.34	0.29
Bell-2-Gober	42523	5-EV	2457.00	221.74	226.12		226.21	0.003564	2.38	1031.32	564.48	0.31
Bell-2-Gober	42523	2-EV	611.00	221.74	224.18		224.21	0.002018	1.47	415.41	196.14	0.18
Bell-2-Gober	42373	100-EV	20271.00	221.86	231.02		231.30	0.004520	4.29	4728.51	765.71	0.30
Bell-2-Gober	42373	50-EV	17838.00	221.86	230.49		230.75	0.004621	4.13	4323.28	755.60	0.30
Bell-2-Gober	42373	25-EV	14929.00	221.86	229.79		230.03	0.004837	3.92	3805.26	742.27	0.31
Bell-2-Gober	42373	10-EV	7083.00	221.86	227.43		227.61	0.006751	3.34	2119.60	676.13	0.33
Bell-2-Gober	42373	5-EV	2457.00	221.86	225.30		225.42	0.008513	2.71	907.52	473.71	0.34
Bell-2-Gober	42373	2-EV	611.00	221.86	223.49		223.59	0.012348	2.57	237.41	177.26	0.39
Bell-2-Gober	42223	100-EV	20271.00	220.00	230.41		230.71	0.003491	4.37	4640.84	781.63	0.32
Bell-2-Gober	42223	50-EV	17838.00	220.00	229.86		230.14	0.003582	4.23	4212.51	773.33	0.32
Bell-2-Gober	42223	25-EV	14929.00	220.00	229.13		229.39	0.003762	4.09	3654.31	757.82	0.33

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	42223	10-EV	7083.00	220.00	226.54		226.75	0.004841	3.64	1948.06	539.32	0.34
Bell-2-Gober	42223	5-EV	2457.00	220.00	224.43		224.53	0.004309	2.58	952.89	423.56	0.30
Bell-2-Gober	42223	2-EV	611.00	220.00	222.79		222.83	0.002622	1.62	376.65	198.62	0.21
Bell-2-Gober	42073	100-EV	20271.00	220.00	229.84		230.13	0.004279	4.29	4728.10	771.21	0.31
Bell-2-Gober	42073	50-EV	17838.00	220.00	229.27		229.54	0.004456	4.16	4292.16	757.60	0.31
Bell-2-Gober	42073	25-EV	14929.00	220.00	228.50		228.75	0.004870	4.02	3714.31	739.25	0.32
Bell-2-Gober	42073	10-EV	7083.00	220.00	225.74		225.95	0.005906	3.67	1929.45	511.84	0.33
Bell-2-Gober	42073	5-EV	2457.00	220.00	223.73		223.83	0.005147	2.50	980.93	418.84	0.29
Bell-2-Gober	42073	2-EV	611.00	220.00	222.35		222.38	0.003459	1.38	443.72	328.54	0.21
Bell-2-Gober	41923	100-EV	20271.00	219.24	229.25		229.53	0.003719	4.20	4829.43	752.97	0.29
Bell-2-Gober	41923	50-EV	17838.00	219.24	228.66		228.91	0.003899	4.07	4381.15	746.65	0.30
Bell-2-Gober	41923	25-EV	14929.00	219.24	227.81		228.06	0.004389	3.97	3757.31	726.96	0.31
Bell-2-Gober	41923	10-EV	7083.00	219.24	224.46		224.77	0.010647	4.47	1583.51	550.39	0.46
Bell-2-Gober	41923	5-EV	2457.00	219.24	221.84		222.19	0.034335	4.74	517.99	362.43	0.70
Bell-2-Gober	41923	2-EV	611.00	219.24	220.59	220.59	220.91	0.084759	4.57	133.58	211.50	1.01
Bell-2-Gober	41773	100-EV	20271.00	218.00	228.99		229.16	0.001500	3.27	6199.90	794.76	0.21
Bell-2-Gober	41773	50-EV	17838.00	218.00	228.39		228.54	0.001457	3.10	5748.66	732.29	0.20
Bell-2-Gober	41773	25-EV	14929.00	218.00	227.54		227.67	0.001439	2.91	5135.01	710.47	0.19
Bell-2-Gober	41773	10-EV	7083.00	218.00	224.02		224.13	0.001997	2.58	2750.37	629.16	0.22
Bell-2-Gober	41773	5-EV	2457.00	218.00	221.07		221.14	0.002628	2.05	1199.41	413.50	0.21
Bell-2-Gober	41773	2-EV	611.00	218.00	219.57	218.47	219.58	0.001612	1.03	591.22	395.28	0.15
Bell-2-Gober	41623	100-EV	20271.00	217.94	228.78		228.93	0.001468	3.13	6473.92	909.76	0.21
Bell-2-Gober	41623	50-EV	17838.00	217.94	228.18		228.32	0.001440	3.00	5936.14	896.07	0.21
Bell-2-Gober	41623	25-EV	14929.00	217.94	227.33		227.46	0.001443	2.86	5224.39	748.38	0.19
Bell-2-Gober	41623	10-EV	7083.00	217.94	223.70		223.81	0.002262	2.63	2695.88	627.78	0.22
Bell-2-Gober	41623	5-EV	2457.00	217.94	220.51		220.60	0.005000	2.46	1000.64	447.73	0.29
Bell-2-Gober	41623	2-EV	611.00	217.94	219.21		219.24	0.003516	1.31	464.72	396.30	0.21
Bell-2-Gober	41473	100-EV	20271.00	216.94	228.61		228.75	0.001008	3.03	6693.06	858.49	0.19
Bell-2-Gober	41473	50-EV	17838.00	216.94	228.02		228.15	0.000969	2.88	6191.48	843.74	0.19
Bell-2-Gober	41473	25-EV	14929.00	216.94	227.17		227.28	0.000946	2.72	5492.44	793.33	0.18
Bell-2-Gober	41473	10-EV	7083.00	216.94	223.47		223.55	0.001269	2.36	3006.73	614.91	0.19
Bell-2-Gober	41473	5-EV	2457.00	216.94	219.73		219.84	0.005245	2.66	922.31	462.28	0.33
Bell-2-Gober	41473	2-EV	611.00	216.94	218.20		218.28	0.015274	2.18	279.84	403.45	0.46
Bell-2-Gober	41323	100-EV	20271.00	216.00	228.42		228.56	0.001629	3.02	6705.03	790.43	0.18
Bell-2-Gober	41323	50-EV	17838.00	216.00	227.84		227.97	0.001512	2.85	6254.05	766.90	0.18
Bell-2-Gober	41323	25-EV	14929.00	216.00	227.00		227.11	0.001336	2.65	5632.17	717.07	0.17
Bell-2-Gober	41323	10-EV	7083.00	216.00	223.31		223.37	0.001076	2.07	3428.60	556.01	0.15
Bell-2-Gober	41323	5-EV	2457.00	216.00	219.35		219.40	0.001754	1.70	1445.39	463.87	0.17
Bell-2-Gober	41323	2-EV	611.00	216.00	217.20		217.22	0.003965	1.29	473.18	428.19	0.22
Bell-2-Gober	41173	100-EV	20271.00	214.15	228.18		228.32	0.001510	3.01	6725.74	733.13	0.18
Bell-2-Gober	41173	50-EV	17838.00	214.15	227.63		227.75	0.001328	2.82	6328.17	701.32	0.17
Bell-2-Gober	41173	25-EV	14929.00	214.15	226.82		226.93	0.001098	2.58	5785.00	649.13	0.15
Bell-2-Gober	41173	10-EV	7083.00	214.15	223.18		223.23	0.000774	1.89	3743.02	512.01	0.12
Bell-2-Gober	41173	5-EV	2457.00	214.15	219.15		219.18	0.001124	1.41	1736.91	486.68	0.13
Bell-2-Gober	41173	2-EV	611.00	214.15	216.31		216.35	0.009439	1.59	384.55	449.33	0.30
Bell-2-Gober	41024	100-EV	20271.00	214.00	228.10		228.18	0.000516	2.30	8800.30	739.34	0.12
Bell-2-Gober	41024	50-EV	17838.00	214.00	227.56		227.63	0.000455	2.12	8404.37	721.74	0.11
Bell-2-Gober	41024	25-EV	14929.00	214.00	226.77		226.82	0.000386	1.90	7842.04	699.48	0.10
Bell-2-Gober	41024	10-EV	7083.00	214.00	223.13		223.16	0.000283	1.32	5380.40	664.31	0.08
Bell-2-Gober	41024	5-EV	2457.00	214.00	219.09		219.10	0.000305	0.90	2742.87	639.55	0.08
Bell-2-Gober	41024	2-EV	611.00	214.00	215.67		215.69	0.002584	1.02	601.24	566.48	0.17
Bell-2-Gober	40873	100-EV	20271.00	212.35	228.06		228.11	0.000328	1.92	10567.32	798.85	0.09
Bell-2-Gober	40873	50-EV	17838.00	212.35	227.52		227.57	0.000287	1.76	10140.98	788.59	0.09
Bell-2-Gober	40873	25-EV	14929.00	212.35	226.73		226.77	0.000242	1.57	9526.87	775.52	0.08
Bell-2-Gober	40873	10-EV	7083.00	212.35	223.11		223.12	0.000160	1.04	6779.53	743.72	0.06
Bell-2-Gober	40873	5-EV	2457.00	212.35	219.06		219.07	0.000126	0.64	3811.21	723.84	0.05
Bell-2-Gober	40873	2-EV	611.00	212.35	215.59		215.60	0.000244	0.46	1337.99	700.34	0.06
Bell-2-Gober	40723	100-EV	20271.00	211.62	228.03	215.68	228.07	0.000206	1.73	11702.66	888.71	0.08
Bell-2-Gober	40723	50-EV	17838.00	211.62	227.49	215.45	227.53	0.000181	1.59	11232.74	872.01	0.08
Bell-2-Gober	40723	25-EV	14929.00	211.62	226.71	215.14	226.74	0.000153	1.41	10561.11	846.14	0.07
Bell-2-Gober	40723	10-EV	7083.00	211.62	223.09	214.18	223.11	0.000092	0.92	7666.14	771.70	0.05
Bell-2-Gober	40723	5-EV	2457.00	211.62	219.05	213.15	219.06	0.000058	0.53	4595.98	749.31	0.04
Bell-2-Gober	40723	2-EV	611.00	211.62	215.58	212.40	215.58	0.000048	0.30	2025.21	726.81	0.03
Bell-2-Gober	40573	100-EV	20271.00	211.53	227.99	215.47	228.04	0.000246	1.78	11381.40	847.11	0.09
Bell-2-Gober	40573	50-EV	17838.00	211.53	227.46	215.22	227.50	0.000213	1.63	10937.83	830.90	0.08
Bell-2-Gober	40573	25-EV	14929.00	211.53	226.68	214.91	226.72	0.000177	1.45	10301.96	807.21	0.07
Bell-2-Gober	40573	10-EV	7083.00	211.53	223.08	213.85	223.09	0.000101	0.94	7526.39	743.08	0.05
Bell-2-Gober	40573	5-EV	2457.00	211.53	219.04	212.91	219.05	0.000059	0.54	4586.47	716.17	0.04
Bell-2-Gober	40573	2-EV	611.00	211.53	215.57	212.27	215.57	0.000044	0.29	2138.77	692.21	0.03

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	40423	100-EV	20271.00	211.96	227.93		227.99	0.000395	2.03	9979.94	826.53	0.10
Bell-2-Gober	40423	50-EV	17838.00	211.96	227.41		227.46	0.000347	1.87	9553.46	811.76	0.10
Bell-2-Gober	40423	25-EV	14929.00	211.96	226.64		226.68	0.000292	1.67	8940.35	786.07	0.09
Bell-2-Gober	40423	10-EV	7083.00	211.96	223.05		223.07	0.000157	1.10	6416.13	659.27	0.06
Bell-2-Gober	40423	5-EV	2457.00	211.96	219.03		219.04	0.000093	0.64	3852.18	618.86	0.05
Bell-2-Gober	40423	2-EV	611.00	211.96	215.56		215.57	0.000061	0.34	1807.14	561.79	0.03
Bell-2-Gober	40273	100-EV	20271.00	212.00	227.06		227.75	0.016065	6.65	3049.49	838.78	0.61
Bell-2-Gober	40273	50-EV	17838.00	212.00	226.48		227.23	0.020944	6.95	2565.90	805.42	0.69
Bell-2-Gober	40273	25-EV	14929.00	212.00	225.49		226.45	0.024606	7.86	1899.58	546.07	0.74
Bell-2-Gober	40273	10-EV	7083.00	212.00	221.98		222.91	0.007423	7.73	916.75	127.41	0.51
Bell-2-Gober	40273	5-EV	2457.00	212.00	218.64		218.96	0.003829	4.58	536.51	101.92	0.35
Bell-2-Gober	40273	2-EV	611.00	212.00	215.43		215.53	0.002727	2.57	237.83	84.17	0.27
Bell-2-Gober	40123	100-EV	20271.00	212.00	225.66		226.44	0.005423	7.08	2864.57	469.06	0.50
Bell-2-Gober	40123	50-EV	17838.00	212.00	225.11		225.83	0.005165	6.81	2618.78	429.72	0.49
Bell-2-Gober	40123	25-EV	14929.00	212.00	224.24		224.91	0.005108	6.58	2267.25	373.67	0.47
Bell-2-Gober	40123	10-EV	7083.00	212.00	221.55		221.96	0.003946	5.10	1389.81	282.61	0.41
Bell-2-Gober	40123	5-EV	2457.00	212.00	218.09		218.34	0.004162	4.06	605.49	172.99	0.38
Bell-2-Gober	40123	2-EV	611.00	212.00	215.07		215.15	0.002278	2.26	270.02	101.15	0.24
Bell-2-Gober	39973	100-EV	20271.00	212.00	224.97		225.60	0.005170	6.35	3194.75	596.43	0.48
Bell-2-Gober	39973	50-EV	17838.00	212.00	224.43		225.03	0.005078	6.19	2883.06	558.84	0.48
Bell-2-Gober	39973	25-EV	14929.00	212.00	223.53		224.11	0.005241	6.13	2436.80	433.36	0.46
Bell-2-Gober	39973	10-EV	7083.00	212.00	220.97		221.31	0.004524	4.71	1504.34	322.18	0.38
Bell-2-Gober	39973	5-EV	2457.00	212.00	217.42		217.70	0.004455	4.22	582.34	173.38	0.41
Bell-2-Gober	39973	2-EV	611.00	212.00	214.58		214.69	0.004288	2.71	225.84	104.42	0.32
Gober-2-Chiq	39524	100-EV	20280.00	210.00	223.02		223.36	0.004443	4.73	4284.49	761.66	0.35
Gober-2-Chiq	39524	50-EV	17859.00	210.00	222.43		222.77	0.004645	4.64	3850.88	729.88	0.36
Gober-2-Chiq	39524	25-EV	14904.00	210.00	221.51		221.84	0.004564	4.62	3224.48	598.16	0.35
Gober-2-Chiq	39524	10-EV	7033.00	210.00	218.80		219.04	0.005527	3.94	1786.17	477.22	0.36
Gober-2-Chiq	39524	5-EV	2469.00	210.00	215.33		215.53	0.005108	3.56	692.86	215.81	0.35
Gober-2-Chiq	39524	2-EV	614.00	210.00	212.55		212.66	0.004765	2.60	236.53	120.32	0.33
Gober-2-Chiq	39298	100-EV	21704.00	208.00	221.28		221.97	0.008422	6.67	3255.91	549.14	0.48
Gober-2-Chiq	39298	50-EV	19102.00	208.00	220.64		221.31	0.008843	6.55	2914.85	524.82	0.49
Gober-2-Chiq	39298	25-EV	15941.00	208.00	219.84		220.46	0.008028	6.31	2526.43	440.73	0.46
Gober-2-Chiq	39298	10-EV	7374.00	208.00	217.46		217.80	0.005400	4.61	1598.68	319.26	0.36
Gober-2-Chiq	39298	5-EV	2734.00	208.00	214.42		214.61	0.003382	3.52	775.97	194.13	0.31
Gober-2-Chiq	39298	2-EV	732.00	208.00	211.95		212.02	0.001929	2.00	365.33	145.46	0.22
Gober-2-Chiq	39147	100-EV	21704.00	208.00	219.77		220.54	0.010659	7.02	3091.37	516.84	0.51
Gober-2-Chiq	39147	50-EV	19102.00	208.00	218.99		219.77	0.011859	7.08	2698.58	485.43	0.53
Gober-2-Chiq	39147	25-EV	15941.00	208.00	218.33		219.02	0.011361	6.67	2390.01	457.77	0.51
Gober-2-Chiq	39147	10-EV	7374.00	208.00	216.28		216.67	0.010967	5.01	1472.06	432.05	0.48
Gober-2-Chiq	39147	5-EV	2734.00	208.00	213.55		213.84	0.008298	4.31	634.27	224.83	0.45
Gober-2-Chiq	39147	2-EV	732.00	208.00	211.39		211.52	0.006546	2.96	247.52	137.55	0.39
Gober-2-Chiq	38998	100-EV	21704.00	208.00	218.46		218.94	0.009624	5.54	3917.99	866.64	0.46
Gober-2-Chiq	38998	50-EV	19102.00	208.00	217.77		218.26	0.007755	5.63	3394.27	614.61	0.42
Gober-2-Chiq	38998	25-EV	15941.00	208.00	217.06		217.51	0.008266	5.38	2964.65	603.60	0.43
Gober-2-Chiq	38998	10-EV	7374.00	208.00	214.87		215.16	0.008910	4.35	1696.48	525.87	0.43
Gober-2-Chiq	38998	5-EV	2734.00	208.00	212.10		212.38	0.011634	4.30	635.68	265.33	0.49
Gober-2-Chiq	38998	2-EV	732.00	208.00	210.10		210.26	0.011391	3.18	230.01	154.46	0.46
Gober-2-Chiq	38848	100-EV	21704.00	206.00	217.58		217.88	0.004948	4.42	4905.44	921.85	0.34
Gober-2-Chiq	38848	50-EV	19102.00	206.00	216.96		217.26	0.005238	4.39	4351.90	863.35	0.34
Gober-2-Chiq	38848	25-EV	15941.00	206.00	216.23		216.51	0.005020	4.24	3762.87	761.32	0.34
Gober-2-Chiq	38848	10-EV	7374.00	206.00	213.92		214.11	0.005401	3.48	2120.75	621.95	0.33
Gober-2-Chiq	38848	5-EV	2734.00	206.00	210.83		211.03	0.006945	3.57	765.24	295.85	0.39
Gober-2-Chiq	38848	2-EV	732.00	206.00	208.22		208.40	0.013468	3.43	213.15	162.68	0.53
Gober-2-Chiq	38665	100-EV	21704.00	204.00	216.51		216.90	0.005701	5.03	4317.40	764.70	0.37
Gober-2-Chiq	38665	50-EV	19102.00	204.00	215.89		216.27	0.005504	4.95	3860.94	689.07	0.37
Gober-2-Chiq	38665	25-EV	15941.00	204.00	215.15		215.50	0.005990	4.75	3356.80	681.58	0.38
Gober-2-Chiq	38665	10-EV	7374.00	204.00	212.64		212.91	0.007870	4.22	1746.81	552.81	0.42
Gober-2-Chiq	38665	5-EV	2734.00	204.00	209.89		210.06	0.004118	3.38	808.45	247.03	0.33
Gober-2-Chiq	38665	2-EV	732.00	204.00	207.50		207.57	0.002120	2.22	330.40	121.46	0.24
Gober-2-Chiq	38398	100-EV	21704.00	204.00	215.48		215.84	0.002883	4.77	4553.29	756.13	0.34
Gober-2-Chiq	38398	50-EV	19102.00	204.00	214.86		215.20	0.002968	4.67	4091.41	727.38	0.35
Gober-2-Chiq	38398	25-EV	15941.00	204.00	214.06		214.38	0.003071	4.53	3520.65	694.49	0.35
Gober-2-Chiq	38398	10-EV	7374.00	204.00	211.34		211.59	0.003359	4.06	1815.21	426.96	0.35
Gober-2-Chiq	38398	5-EV	2734.00	204.00	208.64		208.82	0.005289	3.40	804.65	326.18	0.38
Gober-2-Chiq	38398	2-EV	732.00	204.00	206.53		206.63	0.006951	2.58	283.97	202.93	0.38
Gober-2-Chiq	38173	100-EV	21704.00	202.00	214.61		215.07	0.003928	5.49	3952.96	667.98	0.40
Gober-2-Chiq	38173	50-EV	19102.00	202.00	213.95		214.41	0.004105	5.42	3521.90	608.10	0.40
Gober-2-Chiq	38173	25-EV	15941.00	202.00	213.11		213.55	0.004383	5.27	3022.60	593.13	0.41
Gober-2-Chiq	38173	10-EV	7374.00	202.00	210.19		210.61	0.005668	5.18	1422.65	386.72	0.48

HEC-RAS Plan: NoPA5 (Continued)

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
Gober-2-Chiq	38173	5-EV	2734.00	202.00	207.27		207.55	0.005872	4.26	641.04	189.24	0.41
Gober-2-Chiq	38173	2-EV	732.00	202.00	205.01		205.13	0.006389	2.84	258.07	149.96	0.38
Gober-2-Chiq	38023	100-EV	21704.00	202.00	213.94		214.47	0.004079	5.86	3702.69	573.17	0.41
Gober-2-Chiq	38023	50-EV	19102.00	202.00	213.27		213.78	0.004218	5.75	3324.76	559.53	0.42
Gober-2-Chiq	38023	25-EV	15941.00	202.00	212.39		212.88	0.004422	5.61	2842.39	544.68	0.43
Gober-2-Chiq	38023	10-EV	7374.00	202.00	209.42		209.85	0.004567	5.25	1403.92	300.64	0.43
Gober-2-Chiq	38023	5-EV	2734.00	202.00	206.59		206.82	0.004030	3.78	723.31	192.28	0.34
Gober-2-Chiq	38023	2-EV	732.00	202.00	204.06		204.17	0.006433	2.66	275.64	165.98	0.36
Gober-2-Chiq	37873	100-EV	21704.00	200.00	213.25		213.84	0.004289	6.12	3548.72	482.44	0.40
Gober-2-Chiq	37873	50-EV	19102.00	200.00	212.60		213.14	0.004272	5.90	3236.89	468.86	0.40
Gober-2-Chiq	37873	25-EV	15941.00	200.00	211.74		212.23	0.004245	5.61	2839.89	459.68	0.40
Gober-2-Chiq	37873	10-EV	7374.00	200.00	208.86		209.20	0.003833	4.70	1568.74	408.97	0.42
Gober-2-Chiq	37873	5-EV	2734.00	200.00	206.15		206.32	0.002590	3.27	835.87	202.30	0.28
Gober-2-Chiq	37873	2-EV	732.00	200.00	203.62		203.67	0.001909	1.87	391.73	154.78	0.21
Gober-2-Chiq	37722	100-EV	21704.00	200.00	212.61		213.18	0.004378	6.07	3573.12	516.84	0.41
Gober-2-Chiq	37722	50-EV	19102.00	200.00	211.95		212.49	0.004310	5.88	3246.76	482.38	0.40
Gober-2-Chiq	37722	25-EV	15941.00	200.00	211.11		211.59	0.004224	5.60	2847.45	461.80	0.40
Gober-2-Chiq	37722	10-EV	7374.00	200.00	208.26		208.60	0.004098	4.66	1582.64	428.06	0.43
Gober-2-Chiq	37722	5-EV	2734.00	200.00	205.68		205.88	0.003279	3.56	768.23	211.30	0.33
Gober-2-Chiq	37722	2-EV	732.00	200.00	203.25		203.33	0.002741	2.22	329.26	149.18	0.26
Gober-2-Chiq	37498	100-EV	21704.00	200.00	211.83		212.26	0.003505	5.26	4130.06	509.50	0.33
Gober-2-Chiq	37498	50-EV	19102.00	200.00	211.18		211.57	0.003529	5.03	3800.84	505.53	0.32
Gober-2-Chiq	37498	25-EV	15941.00	200.00	210.33		210.68	0.003582	4.73	3373.52	499.61	0.32
Gober-2-Chiq	37498	10-EV	7374.00	200.00	207.33		207.57	0.004876	3.88	1901.63	483.00	0.34
Gober-2-Chiq	37498	5-EV	2734.00	200.00	204.85		205.01	0.004503	3.13	872.45	319.61	0.33
Gober-2-Chiq	37498	2-EV	732.00	200.00	202.47		202.57	0.004272	2.42	302.93	165.84	0.32
Gober-2-Chiq	37185	100-EV	21704.00	198.00	210.54		210.94	0.005115	5.10	4254.68	457.23	0.29
Gober-2-Chiq	37185	50-EV	19102.00	198.00	209.91		210.27	0.004952	4.81	3968.57	452.67	0.29
Gober-2-Chiq	37185	25-EV	15941.00	198.00	209.09		209.39	0.004721	4.43	3599.00	443.57	0.27
Gober-2-Chiq	37185	10-EV	7374.00	198.00	205.79		205.97	0.005285	3.40	2171.93	426.78	0.27
Gober-2-Chiq	37185	5-EV	2734.00	198.00	203.18		203.28	0.006862	2.54	1078.07	391.43	0.27
Gober-2-Chiq	37185	2-EV	732.00	198.00	201.15		201.19	0.004533	1.67	438.20	202.72	0.20
Gober-2-Chiq	37081	100-EV	21704.00	197.94	209.90		210.39	0.005268	5.63	3855.56	425.50	0.33
Gober-2-Chiq	37081	50-EV	19102.00	197.94	209.30		209.74	0.005074	5.30	3601.59	423.67	0.32
Gober-2-Chiq	37081	25-EV	15941.00	197.94	208.52		208.89	0.004820	4.88	3269.48	421.28	0.31
Gober-2-Chiq	37081	10-EV	7374.00	197.94	205.15		205.39	0.005731	3.92	1881.92	386.18	0.31
Gober-2-Chiq	37081	5-EV	2734.00	197.94	202.35		202.49	0.008225	3.05	896.79	336.93	0.33
Gober-2-Chiq	37081	2-EV	732.00	197.94	200.36		200.44	0.012910	2.26	324.50	227.95	0.33
Gober-2-Chiq	36981	100-EV	21704.00	196.00	209.21		209.81	0.006300	6.18	3512.55	448.17	0.39
Gober-2-Chiq	36981	50-EV	19102.00	196.00	208.64		209.17	0.006105	5.87	3255.25	446.25	0.38
Gober-2-Chiq	36981	25-EV	15941.00	196.00	207.88		208.35	0.005803	5.46	2919.93	442.20	0.37
Gober-2-Chiq	36981	10-EV	7374.00	196.00	204.48		204.79	0.006218	4.43	1664.80	293.23	0.33
Gober-2-Chiq	36981	5-EV	2734.00	196.00	201.48		201.66	0.008249	3.41	802.86	267.03	0.35
Gober-2-Chiq	36981	2-EV	732.00	196.00	199.42		199.51	0.007113	2.31	317.09	179.29	0.31
Gober-2-Chiq	36880	100-EV	21704.00	196.00	208.49		209.13	0.007080	6.44	3370.14	473.59	0.43
Gober-2-Chiq	36880	50-EV	19102.00	196.00	207.92		208.51	0.007197	6.17	3098.35	472.18	0.42
Gober-2-Chiq	36880	25-EV	15941.00	196.00	207.16		207.69	0.007446	5.81	2743.21	470.34	0.42
Gober-2-Chiq	36880	10-EV	7374.00	196.00	203.71		204.14	0.006402	5.28	1397.81	239.97	0.39
Gober-2-Chiq	36880	5-EV	2734.00	196.00	200.75		200.97	0.005917	3.70	739.27	212.62	0.35
Gober-2-Chiq	36880	2-EV	732.00	196.00	198.82		198.90	0.005200	2.17	337.97	201.37	0.29
Gober-2-Chiq	36780	100-EV	21704.00	196.00	207.80		208.44	0.006774	6.40	3393.73	500.34	0.43
Gober-2-Chiq	36780	50-EV	19102.00	196.00	207.19		207.79	0.007112	6.18	3090.28	498.86	0.44
Gober-2-Chiq	36780	25-EV	15941.00	196.00	206.36		206.91	0.007928	5.96	2675.85	496.86	0.45
Gober-2-Chiq	36780	10-EV	7374.00	196.00	202.96		203.45	0.007229	5.64	1307.02	274.64	0.46
Gober-2-Chiq	36780	5-EV	2734.00	196.00	200.16		200.41	0.005197	4.00	683.74	201.72	0.38
Gober-2-Chiq	36780	2-EV	732.00	196.00	198.34		198.42	0.004333	2.27	322.77	195.39	0.31
Gober-2-Chiq	36680	100-EV	21704.00	195.82	207.13		207.85	0.005037	6.79	3198.35	476.24	0.46
Gober-2-Chiq	36680	50-EV	19102.00	195.82	206.51		207.18	0.005041	6.58	2903.99	474.38	0.47
Gober-2-Chiq	36680	25-EV	15941.00	195.82	205.63		206.27	0.005199	6.41	2486.46	471.74	0.49
Gober-2-Chiq	36680	10-EV	7374.00	195.82	202.18		202.75	0.006565	6.09	1210.55	266.08	0.50
Gober-2-Chiq	36680	5-EV	2734.00	195.82	199.58		199.84	0.006000	4.15	658.89	204.69	0.41
Gober-2-Chiq	36680	2-EV	732.00	195.82	197.87		197.96	0.004882	2.33	314.30	199.99	0.33
Gober-2-Chiq	36579	100-EV	21704.00	195.56	206.53		207.20	0.007979	6.57	3301.39	517.87	0.46
Gober-2-Chiq	36579	50-EV	19102.00	195.56	205.90		206.54	0.007995	6.41	2982.18	488.13	0.46
Gober-2-Chiq	36579	25-EV	15941.00	195.56	204.95		205.57	0.009378	6.31	2524.67	477.07	0.48
Gober-2-Chiq	36579	10-EV	7374.00	195.56	201.49		202.00	0.008215	5.71	1290.82	275.47	0.47
Gober-2-Chiq	36579	5-EV	2734.00	195.56	198.92		199.19	0.007001	4.15	658.01	223.42	0.43
Gober-2-Chiq	36579	2-EV	732.00	195.56	197.25		197.35	0.007466	2.54	288.45	218.07	0.39
Gober-2-Chiq	36478	100-EV	21704.00	194.00	205.70		206.30	0.009638	6.22	3486.76	647.32	0.47

HEC-RAS Plan: NoPA5 (Continued)

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
Gober-2-Chiq	36478	50-EV	19102.00	194.00	204.93		205.57	0.011906	6.37	2996.97	636.24	0.52
Gober-2-Chiq	36478	25-EV	15941.00	194.00	203.95		204.64	0.008938	6.68	2387.56	412.66	0.49
Gober-2-Chiq	36478	10-EV	7374.00	194.00	200.71		201.21	0.007398	5.65	1305.90	261.51	0.45
Gober-2-Chiq	36478	5-EV	2734.00	194.00	198.22		198.48	0.007128	4.02	680.49	234.81	0.42
Gober-2-Chiq	36478	2-EV	732.00	194.00	196.58		196.67	0.006123	2.39	306.36	209.26	0.35
Gober-2-Chiq	36375	100-EV	21704.00	194.00	204.25		205.04	0.015638	7.12	3046.30	674.24	0.59
Gober-2-Chiq	36375	50-EV	19102.00	194.00	203.54		204.34	0.011672	7.17	2662.60	472.98	0.53
Gober-2-Chiq	36375	25-EV	15941.00	194.00	202.85		203.57	0.012233	6.81	2340.59	466.22	0.54
Gober-2-Chiq	36375	10-EV	7374.00	194.00	199.86		200.38	0.008749	5.79	1273.20	261.71	0.46
Gober-2-Chiq	36375	5-EV	2734.00	194.00	197.40		197.67	0.008590	4.17	655.80	230.74	0.44
Gober-2-Chiq	36375	2-EV	732.00	194.00	195.44		195.62	0.019899	3.33	220.11	210.94	0.57
Gober-2-Chiq	36277	100-EV	21704.00	192.00	203.29		204.08	0.006592	7.14	3038.24	619.68	0.57
Gober-2-Chiq	36277	50-EV	19102.00	192.00	202.70		203.48	0.006623	7.08	2698.71	568.97	0.57
Gober-2-Chiq	36277	25-EV	15941.00	192.00	201.97		202.73	0.006352	6.95	2294.04	390.57	0.51
Gober-2-Chiq	36277	10-EV	7374.00	192.00	199.28		199.71	0.005050	5.31	1388.89	280.27	0.42
Gober-2-Chiq	36277	5-EV	2734.00	192.00	196.96		197.14	0.003428	3.39	805.62	231.69	0.32
Gober-2-Chiq	36277	2-EV	732.00	192.00	195.06		195.11	0.002084	1.83	399.36	200.83	0.23
Gober-2-Chiq	36174	100-EV	21704.00	191.99	202.74		203.36	0.006330	6.34	3424.81	836.54	0.55
Gober-2-Chiq	36174	50-EV	19102.00	191.99	202.12		202.77	0.006470	6.48	2945.77	639.03	0.53
Gober-2-Chiq	36174	25-EV	15941.00	191.99	201.41		202.03	0.006410	6.31	2524.35	575.24	0.53
Gober-2-Chiq	36174	10-EV	7374.00	191.99	198.74		199.14	0.005875	5.06	1457.44	335.27	0.43
Gober-2-Chiq	36174	5-EV	2734.00	191.99	196.53		196.72	0.004833	3.45	791.41	265.57	0.35
Gober-2-Chiq	36174	2-EV	732.00	191.99	194.70		194.78	0.005436	2.23	327.79	248.33	0.34
Gober-2-Chiq	36073	100-EV	21704.00	192.00	202.19		202.66	0.006833	5.50	3947.14	937.31	0.47
Gober-2-Chiq	36073	50-EV	19102.00	192.00	201.56		202.04	0.006974	5.56	3432.91	751.16	0.46
Gober-2-Chiq	36073	25-EV	15941.00	192.00	200.83		201.29	0.007266	5.48	2906.52	689.19	0.47
Gober-2-Chiq	36073	10-EV	7374.00	192.00	198.19		198.50	0.006389	4.48	1647.79	379.61	0.38
Gober-2-Chiq	36073	5-EV	2734.00	192.00	196.09		196.23	0.004659	3.01	909.19	346.45	0.33
Gober-2-Chiq	36073	2-EV	732.00	192.00	194.27		194.32	0.003770	1.96	374.29	288.65	0.30
Gober-2-Chiq	35973	100-EV	21704.00	191.10	201.45		201.98	0.006644	5.80	3741.09	718.89	0.45
Gober-2-Chiq	35973	50-EV	19102.00	191.10	200.82		201.34	0.006934	5.78	3304.81	650.78	0.45
Gober-2-Chiq	35973	25-EV	15941.00	191.10	200.09		200.57	0.007101	5.61	2843.23	606.00	0.46
Gober-2-Chiq	35973	10-EV	7374.00	191.10	197.53		197.85	0.006470	4.56	1618.82	377.32	0.39
Gober-2-Chiq	35973	5-EV	2734.00	191.10	195.57		195.72	0.005614	3.09	883.72	371.66	0.35
Gober-2-Chiq	35973	2-EV	732.00	191.10	193.73		193.84	0.006242	2.68	273.44	186.19	0.39
Gober-2-Chiq	35865	100-EV	21704.00	190.00	200.57	197.22	201.21	0.007240	6.41	3387.40	589.98	0.42
Gober-2-Chiq	35865	50-EV	19102.00	190.00	199.97	196.83	200.56	0.007433	6.15	3105.29	479.95	0.42
Gober-2-Chiq	35865	25-EV	15941.00	190.00	199.28	196.34	199.79	0.007362	5.72	2786.13	460.97	0.41
Gober-2-Chiq	35865	10-EV	7374.00	190.00	196.77	194.79	197.07	0.007917	4.44	1660.86	422.22	0.39
Gober-2-Chiq	35865	5-EV	2734.00	190.00	194.87	193.25	195.01	0.007518	3.04	898.49	386.76	0.35
Gober-2-Chiq	35865	2-EV	732.00	190.00	193.15	191.52	193.21	0.005127	2.06	354.64	223.77	0.29
Gober-2-Chiq	35758	100-EV	21704.00	189.44	199.39	196.53	200.21	0.012030	7.27	2985.33	581.06	0.53
Gober-2-Chiq	35758	50-EV	19102.00	189.44	198.70	196.14	199.51	0.012751	7.24	2639.74	516.53	0.54
Gober-2-Chiq	35758	25-EV	15941.00	189.44	198.02	195.64	198.75	0.012705	6.86	2325.26	469.42	0.53
Gober-2-Chiq	35758	10-EV	7374.00	189.44	195.73	194.07	196.12	0.009854	5.03	1465.66	371.10	0.45
Gober-2-Chiq	35758	5-EV	2734.00	189.44	193.94	192.76	194.12	0.009392	3.39	805.83	358.37	0.40
Gober-2-Chiq	35758	2-EV	732.00	189.44	192.09	190.92	192.24	0.020295	3.11	235.38	213.63	0.52
Gober-2-Chiq	35661	100-EV	21704.00	188.00	198.36	195.43	199.12	0.010183	7.00	3101.27	562.81	0.50
Gober-2-Chiq	35661	50-EV	19102.00	188.00	197.72	195.06	198.45	0.009087	6.84	2791.78	467.52	0.48
Gober-2-Chiq	35661	25-EV	15941.00	188.00	197.08	194.60	197.71	0.008720	6.34	2512.40	437.65	0.46
Gober-2-Chiq	35661	10-EV	7374.00	188.00	194.95	193.11	195.27	0.007446	4.54	1624.31	409.41	0.40
Gober-2-Chiq	35661	5-EV	2734.00	188.00	193.20	191.42	193.34	0.006767	2.99	914.09	401.68	0.35
Gober-2-Chiq	35661	2-EV	732.00	188.00	191.21	189.81	191.30	0.005445	2.40	304.46	161.56	0.31
Gober-2-Chiq	35556	100-EV	21704.00	188.00	197.53	194.49	198.17	0.007630	6.42	3380.92	593.73	0.46
Gober-2-Chiq	35556	50-EV	19102.00	188.00	196.94	194.15	197.55	0.007560	6.22	3068.99	559.08	0.45
Gober-2-Chiq	35556	25-EV	15941.00	188.00	196.35	193.72	196.87	0.006848	5.76	2769.84	525.10	0.43
Gober-2-Chiq	35556	10-EV	7374.00	188.00	194.34	192.36	194.60	0.005374	4.04	1826.14	463.15	0.36
Gober-2-Chiq	35556	5-EV	2734.00	188.00	192.65	190.60	192.75	0.004624	2.61	1045.69	456.10	0.30
Gober-2-Chiq	35556	2-EV	732.00	188.00	190.92	189.04	190.96	0.002043	1.62	453.20	240.57	0.21
Gober-2-Chiq	35449	100-EV	21704.00	188.00	196.23	194.37	197.08	0.013548	7.41	2930.23	639.17	0.59
Gober-2-Chiq	35449	50-EV	19102.00	188.00	195.72	194.05	196.53	0.011714	7.21	2649.81	544.33	0.56
Gober-2-Chiq	35449	25-EV	15941.00	188.00	195.24	193.58	195.92	0.011248	6.64	2402.06	538.21	0.54
Gober-2-Chiq	35449	10-EV	7374.00	188.00	193.45	192.11	193.82	0.009714	4.92	1498.56	467.83	0.48
Gober-2-Chiq	35449	5-EV	2734.00	188.00	191.90	190.87	192.08	0.008615	3.38	808.05	418.14	0.43
Gober-2-Chiq	35449	2-EV	732.00	188.00	190.43	189.40	190.53	0.010512	2.52	290.70	278.55	0.43
Gober-2-Chiq	35351	100-EV	21704.00	188.00	194.34	193.49	195.43	0.021134	8.36	2594.95	670.73	0.73
Gober-2-Chiq	35351	50-EV	19102.00	188.00	193.98	193.16	194.99	0.021586	8.07	2367.86	625.13	0.73
Gober-2-Chiq	35351	25-EV	15941.00	188.00	193.51	192.72	194.42	0.021494	7.68	2076.32	598.18	0.73
Gober-2-Chiq	35351	10-EV	7374.00	188.00	191.97	191.25	192.52	0.018820	5.96	1237.12	488.86	0.66
Gober-2-Chiq	35351	5-EV	2734.00	188.00	190.59	189.83	190.88	0.018554	4.35	628.47	396.38	0.61

HEC-RAS Plan: NoPA5 (Continued)

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
Gober-2-Chiq	35351	2-EV	732.00	188.00	189.31	188.78	189.43	0.012088	2.82	259.56	217.36	0.45
Chiq-2-Oso	35120	100-EV	21935.00	185.94	193.37	191.39	193.95	0.007659	6.11	3590.41	711.61	0.48
Chiq-2-Oso	35120	50-EV	19301.00	185.94	192.98	191.14	193.51	0.007723	5.83	3312.66	709.90	0.48
Chiq-2-Oso	35120	25-EV	16101.00	185.94	192.48	190.82	192.94	0.007785	5.44	2959.64	707.82	0.47
Chiq-2-Oso	35120	10-EV	7391.00	185.94	190.89	189.57	191.14	0.007890	4.02	1839.07	701.75	0.44
Chiq-2-Oso	35120	5-EV	2763.00	185.94	189.60	188.59	189.72	0.006287	2.77	997.65	555.71	0.36
Chiq-2-Oso	35120	2-EV	724.00	185.94	188.40	187.19	188.46	0.006361	1.83	394.94	425.62	0.34
Chiq-2-Oso	35014	100-EV	21935.00	186.00	192.69	190.54	193.20	0.006208	5.73	3831.14	750.97	0.45
Chiq-2-Oso	35014	50-EV	19301.00	186.00	192.28	190.28	192.75	0.006299	5.47	3527.41	748.27	0.44
Chiq-2-Oso	35014	25-EV	16101.00	186.00	191.77	189.97	192.18	0.006397	5.12	3143.16	745.07	0.44
Chiq-2-Oso	35014	10-EV	7391.00	186.00	190.15	188.93	190.38	0.006492	3.80	1946.84	735.62	0.41
Chiq-2-Oso	35014	5-EV	2763.00	186.00	188.98	188.10	189.08	0.005657	2.52	1097.69	711.09	0.36
Chiq-2-Oso	35014	2-EV	724.00	186.00	187.37	186.92	187.49	0.013699	2.84	255.36	263.87	0.51
Chiq-2-Oso	34912	100-EV	21935.00	184.00	192.05	189.92	192.55	0.006392	5.71	3841.81	765.26	0.45
Chiq-2-Oso	34912	50-EV	19301.00	184.00	191.62	189.67	192.09	0.006592	5.48	3521.05	755.61	0.45
Chiq-2-Oso	34912	25-EV	16101.00	184.00	191.08	189.36	191.50	0.006882	5.17	3112.77	753.61	0.45
Chiq-2-Oso	34912	10-EV	7391.00	184.00	189.36	188.35	189.62	0.008484	4.05	1823.21	747.18	0.46
Chiq-2-Oso	34912	5-EV	2763.00	184.00	188.13	186.77	188.27	0.011717	3.04	907.81	730.54	0.48
Chiq-2-Oso	34912	2-EV	724.00	184.00	186.51	185.50	186.59	0.005977	2.21	327.42	246.64	0.34
Chiq-2-Oso	34804	100-EV	21935.00	184.00	191.45	188.85	191.89	0.005587	5.38	4080.80	728.51	0.40
Chiq-2-Oso	34804	50-EV	19301.00	184.00	191.01	188.60	191.42	0.005634	5.13	3763.66	726.11	0.40
Chiq-2-Oso	34804	25-EV	16101.00	184.00	190.45	188.27	190.81	0.005686	4.79	3360.55	723.51	0.39
Chiq-2-Oso	34804	10-EV	7391.00	184.00	188.63	187.17	188.84	0.006102	3.60	2051.02	715.87	0.38
Chiq-2-Oso	34804	5-EV	2763.00	184.00	187.29	186.28	187.39	0.005859	2.49	1111.53	654.79	0.34
Chiq-2-Oso	34804	2-EV	724.00	184.00	185.76	184.88	185.84	0.008332	2.29	316.80	235.84	0.35
Chiq-2-Oso	34699	100-EV	21935.00	182.00	190.78	188.35	191.26	0.006467	5.59	3925.10	715.06	0.42
Chiq-2-Oso	34699	50-EV	19301.00	182.00	190.33	188.09	190.77	0.006621	5.35	3606.37	713.82	0.42
Chiq-2-Oso	34699	25-EV	16101.00	182.00	189.76	187.71	190.15	0.006837	5.03	3200.20	712.33	0.42
Chiq-2-Oso	34699	10-EV	7391.00	182.00	187.84	186.61	188.09	0.008219	4.01	1842.98	676.90	0.43
Chiq-2-Oso	34699	5-EV	2763.00	182.00	186.42	185.22	186.57	0.010933	3.04	908.71	642.45	0.45
Chiq-2-Oso	34699	2-EV	724.00	182.00	185.05	184.18	185.11	0.005851	2.04	354.25	259.34	0.31
Chiq-2-Oso	34603	100-EV	21935.00	182.00	190.38	188.72	190.72	0.004269	4.70	4662.10	786.46	0.34
Chiq-2-Oso	34603	50-EV	19301.00	182.00	189.92	188.23	190.23	0.004303	4.49	4300.97	784.34	0.34
Chiq-2-Oso	34603	25-EV	16101.00	182.00	189.33	187.60	189.60	0.004327	4.19	3841.85	780.90	0.33
Chiq-2-Oso	34603	10-EV	7391.00	182.00	187.29	185.46	187.46	0.005029	3.25	2272.23	758.81	0.33
Chiq-2-Oso	34603	5-EV	2763.00	182.00	185.78	184.87	185.87	0.004903	2.40	1153.02	643.48	0.32
Chiq-2-Oso	34603	2-EV	724.00	182.00	184.52	184.57	184.57	0.005546	1.64	440.82	481.87	0.30
Chiq-2-Oso	34503	100-EV	21935.00	182.00	189.89	186.80	190.26	0.004910	4.85	4522.43	799.20	0.36
Chiq-2-Oso	34503	50-EV	19301.00	182.00	189.42	186.53	189.76	0.005065	4.66	4146.29	798.26	0.36
Chiq-2-Oso	34503	25-EV	16101.00	182.00	188.82	186.19	189.12	0.005291	4.39	3666.62	797.05	0.36
Chiq-2-Oso	34503	10-EV	7391.00	182.00	186.77	185.08	186.95	0.004970	3.43	2157.66	689.69	0.34
Chiq-2-Oso	34503	5-EV	2763.00	182.00	185.30	184.25	185.39	0.004805	2.36	1171.78	651.68	0.31
Chiq-2-Oso	34503	2-EV	724.00	182.00	183.94	182.96	184.01	0.005588	2.04	354.40	304.68	0.33
Chiq-2-Oso	34398	100-EV	21935.00	182.00	189.38	187.72	189.74	0.005026	4.81	4560.86	825.78	0.36
Chiq-2-Oso	34398	50-EV	19301.00	182.00	188.88	187.22	189.22	0.005310	4.65	4150.38	824.44	0.37
Chiq-2-Oso	34398	25-EV	16101.00	182.00	188.23	186.54	188.54	0.005826	4.45	3615.71	822.72	0.37
Chiq-2-Oso	34398	10-EV	7391.00	182.00	186.15	184.35	186.35	0.006561	3.66	2020.78	716.47	0.38
Chiq-2-Oso	34398	5-EV	2763.00	182.00	184.70	183.80	184.80	0.006557	2.62	1056.14	634.06	0.36
Chiq-2-Oso	34398	2-EV	724.00	182.00	183.07	183.17	183.17	0.012056	2.47	293.54	339.42	0.47
Chiq-2-Oso	34296	100-EV	21935.00	180.00	188.97	187.31	189.31	0.003421	4.66	4703.99	763.30	0.33
Chiq-2-Oso	34296	50-EV	19301.00	180.00	188.46	186.77	188.77	0.003524	4.48	4312.88	761.72	0.33
Chiq-2-Oso	34296	25-EV	16101.00	180.00	187.78	186.06	188.06	0.003723	4.24	3796.11	758.26	0.33
Chiq-2-Oso	34296	10-EV	7391.00	180.00	185.60	183.78	185.78	0.004712	3.40	2172.14	723.87	0.35
Chiq-2-Oso	34296	5-EV	2763.00	180.00	184.12	182.22	184.22	0.004940	2.43	1137.67	649.84	0.32
Chiq-2-Oso	34296	2-EV	724.00	180.00	182.41	182.46	182.46	0.004334	1.77	409.36	340.12	0.28
Chiq-2-Oso	34194	100-EV	21935.00	180.00	188.49	186.83	188.91	0.004433	5.17	4246.21	764.18	0.39
Chiq-2-Oso	34194	50-EV	19301.00	180.00	187.96	186.25	188.35	0.004617	5.02	3841.58	732.70	0.39
Chiq-2-Oso	34194	25-EV	16101.00	180.00	187.26	185.54	187.62	0.004943	4.83	3335.51	700.33	0.39
Chiq-2-Oso	34194	10-EV	7391.00	180.00	184.92	183.18	185.18	0.007363	4.11	1796.28	640.10	0.43
Chiq-2-Oso	34194	5-EV	2763.00	180.00	183.44	181.59	183.59	0.007881	3.09	892.94	523.77	0.42
Chiq-2-Oso	34194	2-EV	724.00	180.00	181.75	181.87	181.87	0.008030	2.81	257.31	168.18	0.40
Chiq-2-Oso	34095	100-EV	21935.00	178.21	188.12	186.46	188.50	0.003653	4.97	4414.93	737.51	0.36
Chiq-2-Oso	34095	50-EV	19301.00	178.21	187.57	185.86	187.93	0.003773	4.81	4016.54	724.65	0.36
Chiq-2-Oso	34095	25-EV	16101.00	178.21	186.83	185.12	187.17	0.004038	4.62	3488.80	705.82	0.37
Chiq-2-Oso	34095	10-EV	7391.00	178.21	184.28	182.53	184.53	0.005844	3.95	1868.89	593.70	0.39
Chiq-2-Oso	34095	5-EV	2763.00	178.21	182.62	180.76	182.76	0.008702	3.06	903.93	568.91	0.43
Chiq-2-Oso	34095	2-EV	724.00	178.21	181.09	181.16	181.16	0.006016	2.24	323.59	252.93	0.35
Chiq-2-Oso	33992	100-EV	21935.00	178.00	187.80	186.14	188.14	0.003149	4.69	4676.32	716.81	0.32
Chiq-2-Oso	33992	50-EV	19301.00	178.00	187.24	185.56	187.56	0.003243	4.51	4279.96	712.14	0.32

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	33992	25-EV	16101.00	178.00	186.48		186.77	0.003490	4.31	3738.29	705.47	0.33
Chiq-2-Oso	33992	10-EV	7391.00	178.00	183.76		183.98	0.004693	3.73	1980.41	575.00	0.35
Chiq-2-Oso	33992	5-EV	2763.00	178.00	181.94		182.07	0.005357	2.86	965.92	466.20	0.35
Chiq-2-Oso	33992	2-EV	724.00	178.00	180.55		180.60	0.004900	1.86	390.26	371.19	0.32
Chiq-2-Oso	33878	100-EV	21935.00	178.00	187.45		187.79	0.003003	4.64	4727.39	706.32	0.32
Chiq-2-Oso	33878	50-EV	19301.00	178.00	186.89		187.20	0.003070	4.46	4330.51	701.37	0.32
Chiq-2-Oso	33878	25-EV	16101.00	178.00	186.10		186.38	0.003293	4.26	3777.66	694.30	0.32
Chiq-2-Oso	33878	10-EV	7391.00	178.00	183.24		183.45	0.004517	3.75	1970.03	550.70	0.35
Chiq-2-Oso	33878	5-EV	2763.00	178.00	181.13		181.30	0.008649	3.25	851.04	508.36	0.44
Chiq-2-Oso	33878	2-EV	724.00	178.00	179.55		179.72	0.013377	3.26	221.80	162.74	0.49
Chiq-2-Oso	33773	100-EV	21935.00	176.00	187.11		187.46	0.003216	4.75	4615.18	712.24	0.33
Chiq-2-Oso	33773	50-EV	19301.00	176.00	186.53		186.86	0.003285	4.59	4209.11	705.88	0.33
Chiq-2-Oso	33773	25-EV	16101.00	176.00	185.73		186.03	0.003243	4.40	3657.20	655.55	0.33
Chiq-2-Oso	33773	10-EV	7391.00	176.00	182.86		183.06	0.003074	3.59	2058.95	449.47	0.30
Chiq-2-Oso	33773	5-EV	2763.00	176.00	180.63		180.73	0.003473	2.60	1061.47	443.49	0.30
Chiq-2-Oso	33773	2-EV	724.00	176.00	179.02		179.07	0.003231	1.75	413.92	345.66	0.28
Chiq-2-Oso	33669	100-EV	21935.00	176.00	186.61		187.03	0.005303	5.16	4249.90	731.78	0.38
Chiq-2-Oso	33669	50-EV	19301.00	176.00	186.01		186.41	0.005885	5.07	3805.47	728.39	0.39
Chiq-2-Oso	33669	25-EV	16101.00	176.00	185.20		185.58	0.005897	4.95	3255.01	652.86	0.39
Chiq-2-Oso	33669	10-EV	7391.00	176.00	182.40		182.65	0.004973	4.08	1811.78	440.05	0.35
Chiq-2-Oso	33669	5-EV	2763.00	176.00	180.08		180.24	0.006537	3.21	860.58	374.16	0.37
Chiq-2-Oso	33669	2-EV	724.00	176.00	178.37		178.46	0.013260	2.48	292.37	325.17	0.46
Chiq-2-Oso	33568	100-EV	21935.00	174.00	186.12		186.56	0.004060	5.34	4104.57	688.21	0.39
Chiq-2-Oso	33568	50-EV	19301.00	174.00	185.50		185.92	0.004012	5.20	3712.55	615.07	0.37
Chiq-2-Oso	33568	25-EV	16101.00	174.00	184.71		185.09	0.004021	4.97	3239.42	584.53	0.37
Chiq-2-Oso	33568	10-EV	7391.00	174.00	181.96		182.21	0.003891	4.03	1834.38	426.42	0.34
Chiq-2-Oso	33568	5-EV	2763.00	174.00	179.59		179.74	0.003910	3.01	919.35	335.41	0.32
Chiq-2-Oso	33568	2-EV	724.00	174.00	177.66		177.73	0.004545	2.22	326.77	262.75	0.35
Chiq-2-Oso	33458	100-EV	21935.00	174.00	185.50	181.55	186.06	0.004880	6.01	3650.21	472.17	0.38
Chiq-2-Oso	33458	50-EV	19301.00	174.00	184.92	181.09	185.42	0.004839	5.71	3377.75	468.65	0.38
Chiq-2-Oso	33458	25-EV	16101.00	174.00	184.16	180.50	184.60	0.004783	5.32	3026.92	464.09	0.37
Chiq-2-Oso	33458	10-EV	7391.00	174.00	181.48	178.68	181.74	0.004719	4.08	1812.73	414.00	0.34
Chiq-2-Oso	33458	5-EV	2763.00	174.00	179.19	177.08	179.31	0.003619	2.80	985.73	330.07	0.29
Chiq-2-Oso	33458	2-EV	724.00	174.00	177.31	175.82	177.35	0.002585	1.67	432.78	238.20	0.22
Chiq-2-Oso	33352	100-EV	22830.00	174.00	184.82	181.08	185.44	0.006858	6.31	3618.42	487.23	0.41
Chiq-2-Oso	33352	50-EV	20098.00	174.00	184.25	180.70	184.81	0.006806	6.01	3341.54	481.88	0.40
Chiq-2-Oso	33352	25-EV	16768.00	174.00	183.51	180.19	184.00	0.006724	5.61	2987.62	475.19	0.39
Chiq-2-Oso	33352	10-EV	7544.00	174.00	180.92	178.30	181.19	0.005759	4.14	1822.43	414.17	0.35
Chiq-2-Oso	33352	5-EV	2859.00	174.00	178.74	176.88	178.87	0.004895	2.85	1003.56	349.03	0.30
Chiq-2-Oso	33352	2-EV	746.00	174.00	176.97	175.48	177.01	0.004190	1.69	442.14	284.01	0.24
Chiq-2-Oso	33244	100-EV	22830.00	174.00	184.15	180.18	184.73	0.006123	6.08	3753.22	537.16	0.38
Chiq-2-Oso	33244	50-EV	20098.00	174.00	183.60	179.82	184.11	0.005959	5.76	3487.95	473.44	0.37
Chiq-2-Oso	33244	25-EV	16768.00	174.00	182.88	179.33	183.32	0.005714	5.32	3149.75	467.70	0.36
Chiq-2-Oso	33244	10-EV	7544.00	174.00	180.40	177.73	180.61	0.004677	3.74	2017.25	442.96	0.31
Chiq-2-Oso	33244	5-EV	2859.00	174.00	178.25	176.46	178.36	0.004541	2.60	1098.57	411.56	0.28
Chiq-2-Oso	33244	2-EV	746.00	174.00	176.43	175.24	176.48	0.005759	1.74	428.24	331.96	0.27
Chiq-2-Oso	33144	100-EV	22830.00	173.69	183.58		184.15	0.005461	6.03	3788.84	586.23	0.42
Chiq-2-Oso	33144	50-EV	20098.00	173.69	183.01		183.53	0.005600	5.82	3451.48	583.26	0.42
Chiq-2-Oso	33144	25-EV	16768.00	173.69	182.26		182.74	0.005800	5.56	3016.28	579.40	0.43
Chiq-2-Oso	33144	10-EV	7544.00	173.69	179.71		180.06	0.006286	4.73	1595.57	461.55	0.45
Chiq-2-Oso	33144	5-EV	2859.00	173.69	177.66		177.83	0.005944	3.31	864.49	319.10	0.35
Chiq-2-Oso	33144	2-EV	746.00	173.69	175.75		175.85	0.006897	2.48	300.53	193.09	0.35
Chiq-2-Oso	33046	100-EV	22830.00	172.00	183.07		183.63	0.005098	5.97	3824.90	568.60	0.41
Chiq-2-Oso	33046	50-EV	20098.00	172.00	182.48		183.00	0.005239	5.76	3490.39	565.75	0.41
Chiq-2-Oso	33046	25-EV	16768.00	172.00	181.72		182.18	0.005460	5.48	3057.16	561.31	0.41
Chiq-2-Oso	33046	10-EV	7544.00	172.00	179.10		179.43	0.006533	4.61	1636.70	490.61	0.44
Chiq-2-Oso	33046	5-EV	2859.00	172.00	176.96		177.16	0.007844	3.61	791.78	324.60	0.41
Chiq-2-Oso	33046	2-EV	746.00	172.00	174.89		175.02	0.010505	2.92	255.65	182.34	0.43
Chiq-2-Oso	32945	100-EV	22830.00	172.00	182.71		183.17	0.003675	5.44	4193.47	554.12	0.35
Chiq-2-Oso	32945	50-EV	20098.00	172.00	182.11		182.53	0.003668	5.20	3865.63	551.26	0.35
Chiq-2-Oso	32945	25-EV	16768.00	172.00	181.34		181.71	0.003659	4.87	3440.47	547.62	0.34
Chiq-2-Oso	32945	10-EV	7544.00	172.00	178.70		178.92	0.003600	3.75	2014.42	530.12	0.34
Chiq-2-Oso	32945	5-EV	2859.00	172.00	176.50		176.63	0.003557	2.93	976.99	391.59	0.33
Chiq-2-Oso	32945	2-EV	746.00	172.00	174.39		174.44	0.003401	1.87	399.34	226.16	0.25
Chiq-2-Oso	32844	100-EV	22830.00	171.88	182.22		182.76	0.004259	5.88	3879.49	503.81	0.37
Chiq-2-Oso	32844	50-EV	20098.00	171.88	181.64		182.13	0.004213	5.60	3588.47	501.23	0.37
Chiq-2-Oso	32844	25-EV	16768.00	171.88	180.89		181.31	0.004149	5.22	3210.64	497.78	0.36
Chiq-2-Oso	32844	10-EV	7544.00	171.88	178.30		178.54	0.003870	3.89	1940.14	486.08	0.34
Chiq-2-Oso	32844	5-EV	2859.00	171.88	176.08		176.24	0.004193	3.17	901.82	402.56	0.37
Chiq-2-Oso	32844	2-EV	746.00	171.88	173.82		173.93	0.008232	2.58	288.77	198.43	0.38

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	32744	100-EV	22830.00	170.00	181.57		182.24	0.006172	6.54	3489.33	466.90	0.42
Chiq-2-Oso	32744	50-EV	20098.00	170.00	181.01		181.61	0.006160	6.23	3227.19	465.04	0.42
Chiq-2-Oso	32744	25-EV	16768.00	170.00	180.27		180.80	0.006166	5.81	2885.59	462.61	0.41
Chiq-2-Oso	32744	10-EV	7544.00	170.00	177.74		178.04	0.006527	4.36	1729.24	448.11	0.39
Chiq-2-Oso	32744	5-EV	2859.00	170.00	175.54		175.73	0.006219	3.46	826.19	301.59	0.37
Chiq-2-Oso	32744	2-EV	746.00	170.00	173.10		173.21	0.006254	2.71	275.35	142.28	0.34
Chiq-2-Oso	32643	100-EV	22830.00	170.00	181.04		181.64	0.005293	6.23	3665.07	470.10	0.39
Chiq-2-Oso	32643	50-EV	20098.00	170.00	180.48		181.02	0.005216	5.91	3402.92	468.29	0.39
Chiq-2-Oso	32643	25-EV	16768.00	170.00	179.75		180.22	0.005121	5.48	3060.61	465.89	0.38
Chiq-2-Oso	32643	10-EV	7544.00	170.00	177.21		177.46	0.004847	3.99	1892.25	448.82	0.34
Chiq-2-Oso	32643	5-EV	2859.00	170.00	175.00		175.14	0.005263	2.97	963.80	384.26	0.33
Chiq-2-Oso	32643	2-EV	746.00	170.00	172.64		172.71	0.003797	2.12	351.39	178.58	0.27
Chiq-2-Oso	32544	100-EV	22830.00	170.00	180.45		181.09	0.005731	6.43	3548.81	477.82	0.42
Chiq-2-Oso	32544	50-EV	20098.00	170.00	179.90		180.48	0.005655	6.12	3286.60	476.28	0.41
Chiq-2-Oso	32544	25-EV	16768.00	170.00	179.18		179.68	0.005555	5.70	2943.38	474.27	0.40
Chiq-2-Oso	32544	10-EV	7544.00	170.00	176.67		176.95	0.005197	4.28	1763.52	467.26	0.39
Chiq-2-Oso	32544	5-EV	2859.00	170.00	174.50		174.65	0.004578	3.11	919.67	332.48	0.33
Chiq-2-Oso	32544	2-EV	746.00	170.00	172.23		172.30	0.004602	2.14	348.51	196.56	0.28
Chiq-2-Oso	32497	100-EV	22830.00	170.00	180.17		180.82	0.005907	6.43	3552.05	491.60	0.42
Chiq-2-Oso	32497	50-EV	20098.00	170.00	179.62		180.21	0.005861	6.12	3282.48	489.48	0.42
Chiq-2-Oso	32497	25-EV	16768.00	170.00	178.90		179.41	0.005805	5.72	2930.26	486.59	0.41
Chiq-2-Oso	32497	10-EV	7544.00	170.00	176.40		176.70	0.005643	4.37	1725.36	470.28	0.40
Chiq-2-Oso	32497	5-EV	2859.00	170.00	174.24		174.41	0.005789	3.25	878.35	361.61	0.37
Chiq-2-Oso	32497	2-EV	746.00	170.00	171.98		172.06	0.005317	2.32	321.24	181.24	0.31
Chiq-2-Oso	32454	100-EV	22830.00	169.27	179.93		180.55	0.006274	6.33	3606.34	498.54	0.41
Chiq-2-Oso	32454	50-EV	20098.00	169.27	179.38		179.94	0.006283	6.03	3332.72	496.67	0.41
Chiq-2-Oso	32454	25-EV	16768.00	169.27	178.65		179.15	0.006334	5.64	2974.33	494.22	0.41
Chiq-2-Oso	32454	10-EV	7544.00	169.27	176.14		176.43	0.006702	4.29	1759.17	460.93	0.39
Chiq-2-Oso	32454	5-EV	2859.00	169.27	173.98		174.14	0.006598	3.19	897.56	360.74	0.36
Chiq-2-Oso	32454	2-EV	746.00	169.27	171.64		171.76	0.009725	2.72	273.94	181.06	0.39
Chiq-2-Oso	32349	100-EV	22830.00	168.00	179.42		179.95	0.004814	5.82	3923.04	531.18	0.38
Chiq-2-Oso	32349	50-EV	20098.00	168.00	178.87		179.35	0.004757	5.54	3630.30	529.45	0.37
Chiq-2-Oso	32349	25-EV	16768.00	168.00	178.15		178.56	0.004623	5.16	3250.62	520.45	0.36
Chiq-2-Oso	32349	10-EV	7544.00	168.00	175.68		175.90	0.003747	3.72	2030.50	447.38	0.31
Chiq-2-Oso	32349	5-EV	2859.00	168.00	173.55		173.65	0.003276	2.53	1128.94	383.14	0.26
Chiq-2-Oso	32349	2-EV	746.00	168.00	171.20		171.26	0.002672	1.84	405.35	195.10	0.23
Chiq-2-Oso	32249	100-EV	22830.00	168.00	178.93		179.46	0.004979	5.84	3910.30	531.69	0.38
Chiq-2-Oso	32249	50-EV	20098.00	168.00	178.38		178.86	0.004957	5.55	3619.87	529.75	0.37
Chiq-2-Oso	32249	25-EV	16768.00	168.00	177.66		178.08	0.004935	5.17	3242.60	527.15	0.37
Chiq-2-Oso	32249	10-EV	7544.00	168.00	175.23		175.46	0.005074	3.83	1970.93	517.15	0.35
Chiq-2-Oso	32249	5-EV	2859.00	168.00	173.14		173.27	0.004444	2.86	1000.38	371.41	0.31
Chiq-2-Oso	32249	2-EV	746.00	168.00	170.87		170.93	0.003909	2.10	355.36	188.22	0.27
Chiq-2-Oso	32149	100-EV	22830.00	167.52	177.62	174.27	178.21	0.005942	6.13	3725.75	520.73	0.40
Chiq-2-Oso	32149	50-EV	20098.00	167.52	177.09	173.94	177.62	0.005876	5.83	3449.98	518.45	0.40
Chiq-2-Oso	32149	25-EV	16768.00	167.52	176.40	173.49	176.86	0.005782	5.42	3091.81	515.46	0.39
Chiq-2-Oso	32149	10-EV	7544.00	167.52	174.00	171.85	174.25	0.005489	4.03	1870.30	499.50	0.37
Chiq-2-Oso	32149	5-EV	2859.00	167.52	172.04	170.05	172.18	0.005120	3.02	946.82	437.29	0.36
Chiq-2-Oso	32149	2-EV	746.00	167.52	169.94	168.75	170.01	0.004238	2.09	357.41	204.29	0.28
Chiq-2-Oso	32067		Bridge									
Chiq-2-Oso	31822	100-EV	22830.00	166.00	175.81	172.49	176.42	0.006197	6.26	3644.92	556.90	0.41
Chiq-2-Oso	31822	50-EV	20098.00	166.00	175.31	172.15	175.86	0.006044	5.92	3396.96	553.95	0.40
Chiq-2-Oso	31822	25-EV	16768.00	166.00	174.67	171.72	175.13	0.005828	5.45	3074.20	549.89	0.39
Chiq-2-Oso	31822	10-EV	7544.00	166.00	172.29	170.30	172.54	0.005711	3.97	1899.01	532.58	0.36
Chiq-2-Oso	31822	5-EV	2859.00	166.00	170.17	168.01	170.34	0.010100	3.25	880.21	507.77	0.42
Chiq-2-Oso	31822	2-EV	746.00	166.00	167.88	166.83	167.95	0.004829	2.18	341.49	208.32	0.29
Chiq-2-Oso	31649	100-EV	22830.00	164.00	174.75	171.70	175.31	0.005826	5.98	3818.39	590.48	0.41
Chiq-2-Oso	31649	50-EV	20098.00	164.00	174.28	171.37	174.78	0.005720	5.68	3538.39	586.72	0.41
Chiq-2-Oso	31649	25-EV	16768.00	164.00	173.66	170.96	174.09	0.005539	5.27	3178.92	581.40	0.40
Chiq-2-Oso	31649	10-EV	7544.00	164.00	171.18	168.68	171.46	0.006204	4.23	1782.34	537.86	0.41
Chiq-2-Oso	31649	5-EV	2859.00	164.00	169.00	167.16	169.17	0.004522	3.26	877.93	283.27	0.33
Chiq-2-Oso	31649	2-EV	746.00	164.00	167.25	165.81	167.30	0.002730	1.79	417.00	242.82	0.24
Chiq-2-Oso	31548	100-EV	22830.00	164.00	174.04		174.67	0.006752	6.36	3589.89	615.51	0.46
Chiq-2-Oso	31548	50-EV	20098.00	164.00	173.57		174.15	0.006736	6.09	3301.65	610.03	0.46
Chiq-2-Oso	31548	25-EV	16768.00	164.00	172.97		173.48	0.006654	5.71	2936.82	603.32	0.46
Chiq-2-Oso	31548	10-EV	7544.00	164.00	170.45		170.79	0.006889	4.69	1607.98	435.34	0.43
Chiq-2-Oso	31548	5-EV	2859.00	164.00	168.48		168.66	0.005720	3.36	852.01	369.47	0.39
Chiq-2-Oso	31548	2-EV	746.00	164.00	166.90		166.96	0.004331	2.02	369.45	269.32	0.30
Chiq-2-Oso	31440	100-EV	22830.00	164.00	173.12		173.85	0.008475	6.83	3343.57	630.97	0.52

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	31440	50-EV	20098.00	164.00	172.63		173.32	0.008721	6.62	3036.65	620.22	0.53
Chiq-2-Oso	31440	25-EV	16768.00	164.00	172.02		172.64	0.008918	6.30	2662.43	607.89	0.53
Chiq-2-Oso	31440	10-EV	7544.00	164.00	169.48		169.93	0.009230	5.37	1405.71	398.37	0.50
Chiq-2-Oso	31440	5-EV	2859.00	164.00	167.61		167.87	0.009377	4.06	703.44	301.04	0.47
Chiq-2-Oso	31440	2-EV	746.00	164.00	166.05		166.19	0.013704	2.96	252.07	279.20	0.55
Chiq-2-Oso	31337	100-EV	22830.00	162.00	172.50		173.05	0.006300	5.95	3836.20	732.11	0.46
Chiq-2-Oso	31337	50-EV	20098.00	162.00	172.00		172.52	0.006173	5.77	3482.09	663.54	0.44
Chiq-2-Oso	31337	25-EV	16768.00	162.00	171.36		171.83	0.006319	5.48	3061.23	659.51	0.45
Chiq-2-Oso	31337	10-EV	7544.00	162.00	168.84		169.16	0.005614	4.53	1663.67	452.37	0.42
Chiq-2-Oso	31337	5-EV	2859.00	162.00	167.06		167.21	0.004257	3.09	924.23	339.14	0.33
Chiq-2-Oso	31337	2-EV	746.00	162.00	165.41		165.46	0.004109	1.84	405.97	303.50	0.28
Chiq-2-Oso	31231	100-EV	22830.00	161.97	171.81		172.32	0.007161	5.72	3993.14	728.12	0.43
Chiq-2-Oso	31231	50-EV	20098.00	161.97	171.29		171.77	0.007636	5.56	3617.81	723.06	0.44
Chiq-2-Oso	31231	25-EV	16768.00	161.97	170.60		171.05	0.008334	5.37	3124.10	702.88	0.45
Chiq-2-Oso	31231	10-EV	7544.00	161.97	168.18		168.47	0.007232	4.36	1730.00	487.06	0.41
Chiq-2-Oso	31231	5-EV	2859.00	161.97	166.40		166.57	0.009203	3.23	886.19	471.52	0.41
Chiq-2-Oso	31231	2-EV	746.00	161.97	164.86		164.93	0.006082	2.08	359.42	277.21	0.32
Chiq-2-Oso	31131	100-EV	22830.00	162.00	171.19		171.69	0.005581	5.69	4014.63	701.08	0.42
Chiq-2-Oso	31131	50-EV	20098.00	162.00	170.66		171.13	0.005563	5.50	3652.77	659.06	0.41
Chiq-2-Oso	31131	25-EV	16768.00	162.00	169.96		170.38	0.005429	5.22	3213.25	606.85	0.40
Chiq-2-Oso	31131	10-EV	7544.00	162.00	167.59		167.85	0.005303	4.05	1862.21	541.39	0.39
Chiq-2-Oso	31131	5-EV	2859.00	162.00	165.72		165.87	0.005456	3.05	936.42	374.28	0.34
Chiq-2-Oso	31131	2-EV	746.00	162.00	164.31		164.36	0.005210	1.79	416.74	356.37	0.29
Chiq-2-Oso	31022	100-EV	22830.00	162.00	170.47		171.04	0.006257	6.03	3785.31	728.08	0.47
Chiq-2-Oso	31022	50-EV	20098.00	162.00	169.93		170.47	0.006322	5.92	3397.12	642.06	0.45
Chiq-2-Oso	31022	25-EV	16768.00	162.00	169.23		169.73	0.006529	5.66	2965.11	604.53	0.45
Chiq-2-Oso	31022	10-EV	7544.00	162.00	166.84		167.18	0.007047	4.62	1633.66	524.65	0.46
Chiq-2-Oso	31022	5-EV	2859.00	162.00	164.97		165.16	0.007731	3.47	824.70	358.50	0.40
Chiq-2-Oso	31022	2-EV	746.00	162.00	163.54		163.62	0.008969	2.26	329.69	296.72	0.38
Chiq-2-Oso	30920	100-EV	22830.00	159.65	169.84		170.36	0.006866	5.79	3945.16	682.99	0.42
Chiq-2-Oso	30920	50-EV	20098.00	159.65	169.29		169.78	0.007041	5.63	3571.45	657.97	0.43
Chiq-2-Oso	30920	25-EV	16768.00	159.65	168.58		169.03	0.006968	5.37	3125.04	615.10	0.42
Chiq-2-Oso	30920	10-EV	7544.00	159.65	166.22		166.48	0.006294	4.06	1857.84	519.11	0.38
Chiq-2-Oso	30920	5-EV	2859.00	159.65	164.32		164.45	0.006023	2.96	967.24	425.88	0.35
Chiq-2-Oso	30920	2-EV	746.00	159.65	162.82		162.88	0.005921	1.84	404.87	361.85	0.31
Chiq-2-Oso	30812	100-EV	22830.00	160.00	169.10		169.66	0.006013	6.01	3796.41	656.92	0.44
Chiq-2-Oso	30812	50-EV	20098.00	160.00	168.51		169.05	0.006395	5.89	3412.12	645.82	0.45
Chiq-2-Oso	30812	25-EV	16768.00	160.00	167.76		168.27	0.006934	5.71	2936.71	618.78	0.46
Chiq-2-Oso	30812	10-EV	7544.00	160.00	165.24		165.63	0.009459	5.01	1505.02	490.38	0.50
Chiq-2-Oso	30812	5-EV	2859.00	160.00	163.35		163.59	0.010657	3.93	727.33	343.33	0.48
Chiq-2-Oso	30812	2-EV	746.00	160.00	161.84		161.98	0.012036	3.00	248.58	186.98	0.46
Chiq-2-Oso	30711	100-EV	22830.00	158.00	168.62		169.08	0.004859	5.46	4178.97	643.61	0.38
Chiq-2-Oso	30711	50-EV	20098.00	158.00	168.00		168.44	0.005110	5.31	3782.61	634.34	0.38
Chiq-2-Oso	30711	25-EV	16768.00	158.00	167.21		167.61	0.005462	5.09	3294.69	605.43	0.38
Chiq-2-Oso	30711	10-EV	7544.00	158.00	164.59		164.85	0.005884	4.08	1848.13	504.40	0.38
Chiq-2-Oso	30711	5-EV	2859.00	158.00	162.72		162.85	0.004971	2.80	1019.55	406.39	0.31
Chiq-2-Oso	30711	2-EV	746.00	158.00	160.87		160.95	0.008543	2.21	337.06	310.84	0.37
Chiq-2-Oso	30609	100-EV	22830.00	158.00	168.10		168.58	0.005075	5.55	4110.53	646.96	0.39
Chiq-2-Oso	30609	50-EV	20098.00	158.00	167.45		167.91	0.005390	5.41	3713.06	602.34	0.38
Chiq-2-Oso	30609	25-EV	16768.00	158.00	166.62		167.04	0.005746	5.21	3220.56	585.41	0.39
Chiq-2-Oso	30609	10-EV	7544.00	158.00	163.95		164.22	0.006594	4.15	1818.74	487.45	0.38
Chiq-2-Oso	30609	5-EV	2859.00	158.00	162.11		162.25	0.007012	2.98	958.99	442.74	0.36
Chiq-2-Oso	30609	2-EV	746.00	158.00	160.24		160.30	0.004948	1.95	383.45	250.48	0.28
Chiq-2-Oso	30509	100-EV	22830.00	156.45	167.40		167.97	0.007034	6.09	3745.97	617.87	0.44
Chiq-2-Oso	30509	50-EV	20098.00	156.45	166.68		167.25	0.007738	6.06	3315.24	590.50	0.45
Chiq-2-Oso	30509	25-EV	16768.00	156.45	165.80		166.35	0.008281	5.94	2820.77	498.19	0.44
Chiq-2-Oso	30509	10-EV	7544.00	156.45	163.00		163.38	0.010800	4.92	1532.55	435.80	0.46
Chiq-2-Oso	30509	5-EV	2859.00	156.45	161.04		161.27	0.014211	3.89	734.63	361.28	0.48
Chiq-2-Oso	30509	2-EV	746.00	156.45	159.35		159.49	0.015220	2.99	249.81	185.58	0.45
Chiq-2-Oso	30395	100-EV	22830.00	155.39	166.79		167.28	0.005079	5.60	4076.56	662.88	0.40
Chiq-2-Oso	30395	50-EV	20098.00	155.39	165.99		166.49	0.005636	5.65	3559.88	634.47	0.42
Chiq-2-Oso	30395	25-EV	16768.00	155.39	165.01		165.51	0.006399	5.70	2940.88	619.32	0.46
Chiq-2-Oso	30395	10-EV	7544.00	155.39	161.93		162.31	0.008245	4.93	1530.53	378.20	0.43
Chiq-2-Oso	30395	5-EV	2859.00	155.39	159.85		160.06	0.008273	3.70	772.87	297.64	0.40
Chiq-2-Oso	30395	2-EV	746.00	155.39	158.07		158.17	0.009170	2.55	292.65	240.12	0.41
Chiq-2-Oso	30287	100-EV	22830.00	154.00	166.32		166.73	0.004531	5.14	4442.58	712.59	0.36
Chiq-2-Oso	30287	50-EV	20098.00	154.00	165.48		165.89	0.004915	5.18	3883.04	639.01	0.37
Chiq-2-Oso	30287	25-EV	16768.00	154.00	164.40		164.83	0.005849	5.23	3207.68	616.58	0.40
Chiq-2-Oso	30287	10-EV	7544.00	154.00	161.03		161.39	0.008674	4.82	1564.56	379.79	0.42
Chiq-2-Oso	30287	5-EV	2859.00	154.00	158.86		159.08	0.010045	3.69	774.85	333.15	0.43

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	30287	2-EV	746.00	154.00	157.19		157.28	0.007464	2.45	304.02	209.75	0.36
Chiq-2-Oso	30148	100-EV	22830.00	152.18	165.82		166.21	0.003159	4.98	4580.47	489.16	0.29
Chiq-2-Oso	30148	50-EV	20098.00	152.18	164.96		165.32	0.003319	4.83	4162.09	484.94	0.29
Chiq-2-Oso	30148	25-EV	16768.00	152.18	163.84		164.17	0.003608	4.63	3620.18	480.07	0.30
Chiq-2-Oso	30148	10-EV	7544.00	152.18	160.08		160.34	0.006231	4.08	1849.95	460.28	0.36
Chiq-2-Oso	30148	5-EV	2859.00	152.18	157.17		157.44	0.013825	4.23	676.07	320.42	0.51
Chiq-2-Oso	30148	2-EV	746.00	152.18	154.93		155.31	0.035210	4.92	151.59	136.13	0.82
Chiq-2-Oso	30015	100-EV	22830.00	150.00	165.44	158.53	165.83	0.002436	5.04	4529.37	496.86	0.26
Chiq-2-Oso	30015	50-EV	20098.00	150.00	164.58	157.98	164.94	0.002441	4.79	4193.51	480.19	0.26
Chiq-2-Oso	30015	25-EV	16768.00	150.00	163.46	157.39	163.77	0.002466	4.47	3750.13	451.69	0.26
Chiq-2-Oso	30015	10-EV	7544.00	150.00	159.62	155.42	159.80	0.002652	3.36	2244.25	420.26	0.24
Chiq-2-Oso	30015	5-EV	2859.00	150.00	156.68	153.89	156.77	0.002281	2.39	1197.89	349.94	0.22
Chiq-2-Oso	30015	2-EV	746.00	150.00	154.29	152.43	154.33	0.002652	1.55	480.84	304.72	0.21
Chiq-2-Oso	29779	100-EV	22830.00	150.00	164.57	158.02	165.06	0.004471	5.63	4056.65	578.53	0.31
Chiq-2-Oso	29779	50-EV	20098.00	150.00	163.71	157.55	164.17	0.004521	5.41	3713.22	563.95	0.31
Chiq-2-Oso	29779	25-EV	16768.00	150.00	162.58	156.94	162.98	0.004578	5.12	3272.40	507.23	0.31
Chiq-2-Oso	29779	10-EV	7544.00	150.00	158.77	155.03	159.00	0.004413	3.83	1969.69	374.41	0.27
Chiq-2-Oso	29779	5-EV	2859.00	150.00	155.93	153.11	156.04	0.004360	2.64	1082.52	342.95	0.25
Chiq-2-Oso	29779	2-EV	746.00	150.00	153.61	151.43	153.65	0.003149	1.70	439.24	215.17	0.19
Chiq-2-Oso	29607	100-EV	22830.00	150.00	162.70	158.23	163.74	0.011332	8.20	2782.66	268.82	0.45
Chiq-2-Oso	29607	50-EV	20098.00	150.00	161.90	157.72	162.85	0.011341	7.82	2569.61	268.82	0.45
Chiq-2-Oso	29607	25-EV	16768.00	150.00	160.85	157.03	161.69	0.011241	7.33	2288.22	263.26	0.44
Chiq-2-Oso	29607	10-EV	7544.00	150.00	157.28	154.62	157.76	0.011863	5.53	1365.40	254.05	0.42
Chiq-2-Oso	29607	5-EV	2859.00	150.00	154.65	152.91	154.88	0.010923	3.84	744.27	225.62	0.37
Chiq-2-Oso	29607	2-EV	746.00	150.00	152.73	151.31	152.81	0.008556	2.22	335.94	197.67	0.30
Chiq-2-Oso	29516.5		Bridge									
Chiq-2-Oso	29426	100-EV	22830.00	148.00	160.33	156.30	161.45	0.007894	8.52	2679.81	269.95	0.48
Chiq-2-Oso	29426	50-EV	20098.00	148.00	159.52	155.55	160.56	0.007967	8.16	2463.24	269.95	0.48
Chiq-2-Oso	29426	25-EV	16768.00	148.00	158.47	154.75	159.39	0.008126	7.70	2178.89	269.95	0.48
Chiq-2-Oso	29426	10-EV	7544.00	148.00	154.78	152.25	155.34	0.008121	6.03	1251.28	220.62	0.45
Chiq-2-Oso	29426	5-EV	2859.00	148.00	151.92	150.43	152.23	0.008814	4.42	646.92	202.98	0.44
Chiq-2-Oso	29426	2-EV	746.00	148.00	149.68	149.04	149.84	0.012788	3.24	230.22	155.92	0.47
Chiq-2-Oso	29339	100-EV	22830.00	145.78	159.22	153.92	160.23	0.006668	8.08	2823.97	324.52	0.42
Chiq-2-Oso	29339	50-EV	20098.00	145.78	158.44	153.37	159.34	0.006453	7.63	2634.99	319.40	0.41
Chiq-2-Oso	29339	25-EV	16768.00	145.78	157.41	152.64	158.18	0.006163	7.02	2387.38	293.35	0.39
Chiq-2-Oso	29339	10-EV	7544.00	145.78	153.86	150.28	154.23	0.005038	4.89	1541.58	233.43	0.34
Chiq-2-Oso	29339	5-EV	2859.00	145.78	151.09	148.65	151.25	0.003910	3.14	909.24	223.10	0.27
Chiq-2-Oso	29339	2-EV	746.00	145.78	148.88	147.11	148.93	0.002876	1.75	427.32	213.05	0.22
Chiq-2-Oso	28989	100-EV	22830.00	145.54	157.01	153.07	158.20	0.008018	8.75	2609.06	270.81	0.49
Chiq-2-Oso	28989	50-EV	20098.00	145.54	156.28	152.53	157.36	0.007898	8.31	2417.70	263.73	0.48
Chiq-2-Oso	28989	25-EV	16768.00	145.54	155.34	151.84	156.27	0.007718	7.73	2170.11	259.47	0.47
Chiq-2-Oso	28989	10-EV	7544.00	145.54	152.12	149.59	152.60	0.006886	5.56	1357.93	245.84	0.42
Chiq-2-Oso	28989	5-EV	2859.00	145.54	149.74	147.97	149.94	0.005720	3.65	782.95	235.77	0.35
Chiq-2-Oso	28989	2-EV	746.00	145.54	147.90	146.73	147.97	0.004282	2.07	360.04	202.84	0.27
Chiq-2-Oso	28744	100-EV	22830.00	142.03	155.28		156.12	0.008064	7.35	3107.02	325.01	0.42
Chiq-2-Oso	28744	50-EV	20098.00	142.03	154.54		155.31	0.008079	7.01	2867.08	322.53	0.41
Chiq-2-Oso	28744	25-EV	16768.00	142.03	153.58		154.25	0.008104	6.56	2557.79	319.21	0.41
Chiq-2-Oso	28744	10-EV	7544.00	142.03	150.33		150.70	0.008493	4.90	1538.06	308.24	0.39
Chiq-2-Oso	28744	5-EV	2859.00	142.03	147.92		148.11	0.010081	3.55	805.84	299.13	0.38
Chiq-2-Oso	28744	2-EV	746.00	142.03	146.23		146.32	0.012013	2.29	326.10	262.83	0.36
Chiq-2-Oso	28539	100-EV	22830.00	140.00	153.67		154.51	0.007718	7.35	3106.67	313.42	0.41
Chiq-2-Oso	28539	50-EV	20098.00	140.00	152.95		153.70	0.007578	6.98	2881.27	310.32	0.40
Chiq-2-Oso	28539	25-EV	16768.00	140.00	152.01		152.86	0.007358	6.47	2592.78	306.32	0.39
Chiq-2-Oso	28539	10-EV	7544.00	140.00	148.85		149.18	0.006440	4.59	1642.74	295.60	0.34
Chiq-2-Oso	28539	5-EV	2859.00	140.00	146.44		146.58	0.005707	3.05	938.56	287.42	0.30
Chiq-2-Oso	28539	2-EV	746.00	140.00	144.51		144.57	0.006337	1.88	395.89	273.46	0.28
Chiq-2-Oso	28327	100-EV	22830.00	140.00	151.57		152.58	0.010648	8.06	2832.41	313.79	0.47
Chiq-2-Oso	28327	50-EV	20098.00	140.00	150.88		151.80	0.010658	7.69	2614.86	311.90	0.47
Chiq-2-Oso	28327	25-EV	16768.00	140.00	149.99		150.79	0.010621	7.17	2338.77	309.67	0.46
Chiq-2-Oso	28327	10-EV	7544.00	140.00	147.10		147.52	0.009658	5.17	1459.99	297.57	0.41
Chiq-2-Oso	28327	5-EV	2859.00	140.00	144.89		145.08	0.008939	3.50	817.23	283.88	0.36
Chiq-2-Oso	28327	2-EV	746.00	140.00	142.86		142.94	0.009434	2.38	313.42	207.62	0.34
Chiq-2-Oso	28116	100-EV	22830.00	137.50	148.90		150.04	0.013483	8.57	2664.40	316.87	0.52
Chiq-2-Oso	28116	50-EV	20098.00	137.50	148.12		149.19	0.014205	8.32	2416.70	312.70	0.53
Chiq-2-Oso	28116	25-EV	16768.00	137.50	147.07		148.07	0.015563	8.01	2093.38	306.98	0.54
Chiq-2-Oso	28116	10-EV	7544.00	137.50	143.98		144.63	0.020328	6.45	1169.97	290.75	0.57
Chiq-2-Oso	28116	5-EV	2859.00	137.50	141.69		142.12	0.024493	5.28	541.49	210.86	0.58
Chiq-2-Oso	28116	2-EV	746.00	137.50	139.59		139.82	0.025844	3.81	195.94	122.97	0.53

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	27950	100-EV	22830.00	132.00	147.46		148.31	0.007670	7.36	3102.69	306.18	0.41
Chiq-2-Oso	27950	50-EV	20098.00	132.00	146.62		147.40	0.007818	7.06	2846.05	303.10	0.41
Chiq-2-Oso	27950	25-EV	16768.00	132.00	145.44		146.14	0.008327	6.73	2490.54	298.86	0.41
Chiq-2-Oso	27950	10-EV	7544.00	132.00	142.14		142.52	0.008163	4.95	1525.54	286.48	0.38
Chiq-2-Oso	27950	5-EV	2859.00	132.00	139.76		139.93	0.007782	3.35	852.48	276.59	0.34
Chiq-2-Oso	27950	2-EV	746.00	132.00	137.15		137.29	0.009906	3.01	248.01	118.45	0.37
Chiq-2-Oso	27758	100-EV	22830.00	132.00	146.19		146.75	0.007638	5.99	3809.23	510.77	0.39
Chiq-2-Oso	27758	50-EV	20098.00	132.00	145.15		145.73	0.009022	6.11	3287.63	485.99	0.41
Chiq-2-Oso	27758	25-EV	16768.00	132.00	143.97		144.54	0.008022	6.06	2767.98	378.53	0.39
Chiq-2-Oso	27758	10-EV	7544.00	132.00	140.79		141.11	0.006519	4.49	1680.54	311.57	0.34
Chiq-2-Oso	27758	5-EV	2859.00	132.00	138.72		138.84	0.004233	2.73	1048.44	297.78	0.26
Chiq-2-Oso	27758	2-EV	746.00	132.00	136.67		136.70	0.001368	1.34	558.73	202.34	0.14
Chiq-2-Oso	27635	100-EV	22988.00	134.20	144.83		145.73	0.008298	7.61	3033.19	380.73	0.46
Chiq-2-Oso	27635	50-EV	20227.00	134.20	143.47		144.46	0.010955	7.97	2538.49	346.96	0.52
Chiq-2-Oso	27635	25-EV	16875.00	134.20	142.27		143.24	0.013040	7.92	2129.42	333.65	0.55
Chiq-2-Oso	27635	10-EV	7563.00	134.20	138.59		139.53	0.030539	7.75	975.93	298.53	0.76
Chiq-2-Oso	27635	5-EV	2873.00	134.20	136.70	136.70	137.43	0.068123	6.85	419.43	287.92	1.00
Chiq-2-Oso	27635	2-EV	775.00	134.20	135.77	135.77	136.11	0.095636	4.69	165.18	249.26	1.02
Chiq-2-Oso	27377	100-EV	22988.00	128.00	144.01		144.64	0.003776	6.34	3628.35	341.65	0.34
Chiq-2-Oso	27377	50-EV	20227.00	128.00	142.51		143.15	0.004197	6.44	3138.41	311.56	0.36
Chiq-2-Oso	27377	25-EV	16875.00	128.00	141.25		141.83	0.004279	6.13	2751.72	300.81	0.36
Chiq-2-Oso	27377	10-EV	7563.00	128.00	137.29		137.63	0.004357	4.68	1617.57	274.54	0.34
Chiq-2-Oso	27377	5-EV	2873.00	128.00	134.40	131.57	134.57	0.003876	3.32	865.44	234.45	0.30
Chiq-2-Oso	27377	2-EV	775.00	128.00	130.96	129.58	131.11	0.006289	3.06	253.11	121.84	0.37
Chiq-2-Oso	27176	100-EV	22988.00	126.06	143.37	136.66	143.89	0.003365	5.75	3995.10	381.12	0.31
Chiq-2-Oso	27176	50-EV	20227.00	126.06	141.77	136.19	142.32	0.003853	5.91	3419.77	345.85	0.33
Chiq-2-Oso	27176	25-EV	16875.00	126.06	140.46	135.59	140.96	0.004098	5.68	2973.02	336.54	0.34
Chiq-2-Oso	27176	10-EV	7563.00	126.06	136.30	132.93	136.64	0.005590	4.66	1621.70	314.06	0.36
Chiq-2-Oso	27176	5-EV	2873.00	126.06	133.58	129.97	133.76	0.004148	3.40	845.68	222.44	0.31
Chiq-2-Oso	27176	2-EV	775.00	126.06	130.30	128.03	130.38	0.002238	2.28	340.33	112.33	0.23
Chiq-2-Oso	26976	100-EV	22988.00	126.00	142.84		143.27	0.002672	5.24	4386.47	425.18	0.29
Chiq-2-Oso	26976	50-EV	20227.00	126.00	141.17		141.62	0.002924	5.41	3739.09	365.19	0.30
Chiq-2-Oso	26976	25-EV	16875.00	126.00	139.82		140.24	0.003011	5.18	3260.36	350.98	0.30
Chiq-2-Oso	26976	10-EV	7563.00	126.00	135.38		135.67	0.004165	4.29	1761.18	324.91	0.33
Chiq-2-Oso	26976	5-EV	2873.00	126.00	132.67		132.83	0.005269	3.20	898.49	310.68	0.33
Chiq-2-Oso	26976	2-EV	775.00	126.00	129.64		129.76	0.004516	2.79	277.80	114.73	0.32
Chiq-2-Oso	26777	100-EV	22988.00	125.60	142.22		142.64	0.003721	5.19	4430.52	528.11	0.32
Chiq-2-Oso	26777	50-EV	20227.00	125.60	140.59		141.05	0.002845	5.43	3728.31	370.36	0.30
Chiq-2-Oso	26777	25-EV	16875.00	125.60	139.26		139.68	0.002657	5.16	3267.41	335.74	0.29
Chiq-2-Oso	26777	10-EV	7563.00	125.60	134.62		134.90	0.003550	4.27	1771.51	310.24	0.31
Chiq-2-Oso	26777	5-EV	2873.00	125.60	131.75		131.91	0.004029	3.15	910.64	287.55	0.31
Chiq-2-Oso	26777	2-EV	775.00	125.60	128.67		128.79	0.005240	2.84	272.62	135.99	0.35
Chiq-2-Oso	26574	100-EV	22988.00	124.00	141.09		141.59	0.007562	5.68	4047.18	602.13	0.39
Chiq-2-Oso	26574	50-EV	20227.00	124.00	139.81		140.37	0.003846	5.98	3384.00	336.25	0.33
Chiq-2-Oso	26574	25-EV	16875.00	124.00	138.53		139.03	0.003748	5.68	2970.05	312.18	0.32
Chiq-2-Oso	26574	10-EV	7563.00	124.00	133.61		133.98	0.005801	4.94	1531.99	278.80	0.37
Chiq-2-Oso	26574	5-EV	2873.00	124.00	130.22		130.55	0.012887	4.56	630.66	226.07	0.48
Chiq-2-Oso	26574	2-EV	775.00	124.00	127.06		127.28	0.011450	3.76	205.88	81.34	0.42
Chiq-2-Oso	26377	100-EV	22988.00	122.01	140.11		140.73	0.002777	6.30	3646.21	514.81	0.42
Chiq-2-Oso	26377	50-EV	20227.00	122.01	139.11		139.72	0.002831	6.27	3224.94	375.05	0.38
Chiq-2-Oso	26377	25-EV	16875.00	122.01	137.85		138.41	0.002685	6.00	2812.99	273.50	0.33
Chiq-2-Oso	26377	10-EV	7563.00	122.01	132.80		133.18	0.003022	4.96	1524.46	237.25	0.35
Chiq-2-Oso	26377	5-EV	2873.00	122.01	129.26		129.49	0.002799	3.83	750.51	184.54	0.33
Chiq-2-Oso	26377	2-EV	775.00	122.01	126.07		126.17	0.003162	2.61	296.72	115.08	0.29
Chiq-2-Oso	26177	100-EV	22988.00	122.00	139.14		139.80	0.009137	6.53	3519.29	475.10	0.42
Chiq-2-Oso	26177	50-EV	20227.00	122.00	138.21		138.86	0.007088	6.48	3121.40	383.04	0.40
Chiq-2-Oso	26177	25-EV	16875.00	122.00	137.06		137.66	0.005561	6.18	2728.41	308.75	0.37
Chiq-2-Oso	26177	10-EV	7563.00	122.00	131.86		132.30	0.006895	5.34	1415.47	229.28	0.38
Chiq-2-Oso	26177	5-EV	2873.00	122.00	128.39		128.66	0.006858	4.16	690.35	163.78	0.36
Chiq-2-Oso	26177	2-EV	775.00	122.00	125.11		125.26	0.007099	3.11	249.54	104.35	0.35
Chiq-2-Oso	25976	100-EV	22988.00	120.04	137.97		138.65	0.003921	6.60	3483.73	412.91	0.40
Chiq-2-Oso	25976	50-EV	20227.00	120.04	137.22		137.84	0.003788	6.34	3190.30	370.76	0.38
Chiq-2-Oso	25976	25-EV	16875.00	120.04	136.21		136.76	0.003592	5.95	2837.55	327.39	0.36
Chiq-2-Oso	25976	10-EV	7563.00	120.04	130.80		131.20	0.004333	5.11	1479.41	227.71	0.35
Chiq-2-Oso	25976	5-EV	2873.00	120.04	127.36		127.60	0.004071	3.92	732.26	205.68	0.37
Chiq-2-Oso	25976	2-EV	775.00	120.04	124.10		124.24	0.003789	2.95	262.71	91.98	0.31
Chiq-2-Oso	25776	100-EV	22988.00	120.00	137.22		137.84	0.003962	6.35	3620.27	443.62	0.39
Chiq-2-Oso	25776	50-EV	20227.00	120.00	136.49		137.07	0.003798	6.10	3315.66	393.82	0.37
Chiq-2-Oso	25776	25-EV	16875.00	120.00	135.53		136.03	0.003509	5.69	2966.43	333.35	0.34
Chiq-2-Oso	25776	10-EV	7563.00	120.00	129.94		130.31	0.004535	4.88	1549.23	230.16	0.33

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	25776	5-EV	2873.00	120.00	126.55		126.75	0.004382	3.58	801.98	207.75	0.32
Chiq-2-Oso	25776	2-EV	775.00	120.00	123.10		123.24	0.006881	2.99	258.96	119.42	0.36
Chiq-2-Oso	25646	100-EV	22988.00	118.00	136.76		137.18	0.005508	5.16	4453.98	578.24	0.33
Chiq-2-Oso	25646	50-EV	20227.00	118.00	136.04		136.43	0.005299	5.00	4047.28	545.97	0.32
Chiq-2-Oso	25646	25-EV	16875.00	118.00	135.09		135.44	0.005024	4.74	3559.41	508.73	0.32
Chiq-2-Oso	25646	10-EV	7563.00	118.00	129.46		129.75	0.003734	4.32	1749.59	240.46	0.28
Chiq-2-Oso	25646	5-EV	2873.00	118.00	126.09		126.23	0.003373	2.95	974.21	219.88	0.25
Chiq-2-Oso	25646	2-EV	775.00	118.00	122.57		122.65	0.003115	2.21	350.93	121.99	0.23
Chiq-2-Oso	25346	100-EV	22988.00	118.00	134.87		135.39	0.006369	5.77	3981.85	482.43	0.35
Chiq-2-Oso	25346	50-EV	20227.00	118.00	134.22		134.69	0.006303	5.51	3668.50	474.46	0.35
Chiq-2-Oso	25346	25-EV	16875.00	118.00	133.34		133.76	0.006271	5.18	3256.02	463.28	0.34
Chiq-2-Oso	25346	10-EV	7563.00	118.00	128.21		128.53	0.004386	4.55	1662.54	242.97	0.31
Chiq-2-Oso	25346	5-EV	2873.00	118.00	125.02		125.17	0.003710	3.10	925.88	216.51	0.26
Chiq-2-Oso	25346	2-EV	775.00	118.00	121.67		121.74	0.002965	2.13	363.77	131.96	0.23
Chiq-2-Oso	25047	100-EV	22988.00	116.00	132.12		132.86	0.011512	6.90	3330.95	489.68	0.47
Chiq-2-Oso	25047	50-EV	20227.00	116.00	131.51		132.20	0.011327	6.65	3041.83	456.94	0.45
Chiq-2-Oso	25047	25-EV	16875.00	116.00	130.64		131.27	0.011272	6.35	2659.14	426.42	0.45
Chiq-2-Oso	25047	10-EV	7563.00	116.00	126.58		126.97	0.006293	4.98	1517.70	240.85	0.35
Chiq-2-Oso	25047	5-EV	2873.00	116.00	123.50		123.70	0.006684	3.57	804.78	221.02	0.33
Chiq-2-Oso	25047	2-EV	775.00	116.00	120.59		120.69	0.004139	2.61	297.32	101.67	0.27
Chiq-2-Oso	24746	100-EV	22988.00	116.00	129.10		129.82	0.008932	6.84	3438.88	528.25	0.43
Chiq-2-Oso	24746	50-EV	20227.00	116.00	128.54		129.20	0.008772	6.51	3151.10	506.84	0.43
Chiq-2-Oso	24746	25-EV	16875.00	116.00	127.73		128.31	0.008589	6.13	2755.80	432.49	0.42
Chiq-2-Oso	24746	10-EV	7563.00	116.00	124.21		124.62	0.009870	5.16	1465.23	321.35	0.43
Chiq-2-Oso	24746	5-EV	2873.00	116.00	121.20		121.46	0.008257	4.16	690.30	196.99	0.39
Chiq-2-Oso	24746	2-EV	775.00	116.00	118.17		118.41	0.017931	3.94	196.67	105.00	0.51
Chiq-2-Oso	24446	100-EV	22988.00	112.90	126.98	122.67	127.58	0.006152	6.38	3867.12	848.44	0.41
Chiq-2-Oso	24446	50-EV	20227.00	112.90	126.41	122.03	126.97	0.006236	6.16	3516.59	828.60	0.41
Chiq-2-Oso	24446	25-EV	16875.00	112.90	125.60	121.31	126.12	0.006204	5.90	3045.70	734.89	0.40
Chiq-2-Oso	24446	10-EV	7563.00	112.90	122.15	119.03	122.52	0.005201	4.87	1551.57	333.69	0.36
Chiq-2-Oso	24446	5-EV	2873.00	112.90	119.72	116.57	119.87	0.003584	3.12	921.13	247.12	0.28
Chiq-2-Oso	24446	2-EV	775.00	112.90	116.64	114.64	116.73	0.002587	2.42	320.71	120.21	0.26
Chiq-2-Oso	24146	100-EV	22988.00	112.00	125.43		125.92	0.004837	5.69	4300.88	837.66	0.36
Chiq-2-Oso	24146	50-EV	20227.00	112.00	124.78		125.25	0.005110	5.52	3794.25	747.21	0.36
Chiq-2-Oso	24146	25-EV	16875.00	112.00	123.90		124.33	0.005541	5.30	3186.34	500.11	0.37
Chiq-2-Oso	24146	10-EV	7563.00	112.00	120.46		120.78	0.006357	4.50	1680.48	374.30	0.37
Chiq-2-Oso	24146	5-EV	2873.00	112.00	118.08		118.27	0.008672	3.48	825.67	344.74	0.40
Chiq-2-Oso	24146	2-EV	775.00	112.00	115.53		115.66	0.005179	2.96	262.23	107.84	0.33
Chiq-2-Oso	23846	100-EV	22988.00	110.21	124.17	118.84	124.61	0.003864	5.37	4413.68	799.01	0.36
Chiq-2-Oso	23846	50-EV	20227.00	110.21	123.49	118.41	123.91	0.003882	5.24	3936.92	648.27	0.37
Chiq-2-Oso	23846	25-EV	16875.00	110.21	122.52	117.88	122.92	0.004010	5.10	3365.18	512.23	0.34
Chiq-2-Oso	23846	10-EV	7563.00	110.21	119.05	116.13	119.30	0.003837	3.96	1914.55	386.23	0.31
Chiq-2-Oso	23846	5-EV	2873.00	110.21	116.52	114.48	116.65	0.003621	2.90	990.42	352.03	0.30
Chiq-2-Oso	23846	2-EV	775.00	110.21	114.43	112.41	114.50	0.002927	1.99	390.38	248.45	0.28
Chiq-2-Oso	23546	100-EV	22988.00	110.12	122.58		123.20	0.005643	6.37	3779.17	713.62	0.38
Chiq-2-Oso	23546	50-EV	20227.00	110.12	121.92		122.50	0.005653	6.11	3345.45	538.70	0.38
Chiq-2-Oso	23546	25-EV	16875.00	110.12	121.00		121.51	0.005501	5.73	2942.95	384.22	0.37
Chiq-2-Oso	23546	10-EV	7563.00	110.12	117.54		117.86	0.006032	4.52	1671.80	354.86	0.37
Chiq-2-Oso	23546	5-EV	2873.00	110.12	114.92		115.13	0.007600	3.64	790.17	303.77	0.40
Chiq-2-Oso	23546	2-EV	775.00	110.12	112.83		112.97	0.010746	3.06	253.35	203.62	0.48
Chiq-2-Oso	23246	100-EV	22988.00	108.00	121.12		121.69	0.004415	6.10	4015.32	634.78	0.35
Chiq-2-Oso	23246	50-EV	20227.00	108.00	120.49		121.01	0.004265	5.80	3619.63	621.92	0.35
Chiq-2-Oso	23246	25-EV	16875.00	108.00	119.63		120.08	0.004053	5.40	3136.57	434.35	0.34
Chiq-2-Oso	23246	10-EV	7563.00	108.00	116.24		116.47	0.003545	3.90	1939.24	330.41	0.28
Chiq-2-Oso	23246	5-EV	2873.00	108.00	113.63		113.74	0.002979	2.62	1097.26	316.27	0.25
Chiq-2-Oso	23246	2-EV	775.00	108.00	111.62		111.66	0.002273	1.62	478.07	275.87	0.22
Chiq-2-Oso	22946	100-EV	23151.00	108.00	119.32		119.97	0.007634	6.54	3662.90	694.39	0.47
Chiq-2-Oso	22946	50-EV	20354.00	108.00	118.64		119.29	0.007971	6.52	3200.58	658.86	0.49
Chiq-2-Oso	22946	25-EV	16977.00	108.00	117.69		118.36	0.008461	6.54	2626.77	537.01	0.50
Chiq-2-Oso	22946	10-EV	7565.00	108.00	114.36		114.80	0.009614	5.36	1411.55	293.16	0.43
Chiq-2-Oso	22946	5-EV	2846.00	108.00	112.07		112.29	0.009192	3.72	764.36	272.49	0.39
Chiq-2-Oso	22946	2-EV	774.00	108.00	110.37		110.46	0.008872	2.37	326.78	241.82	0.36
Chiq-2-Oso	22646	100-EV	23151.00	106.00	117.41		118.00	0.005619	6.32	4015.02	655.80	0.36
Chiq-2-Oso	22646	50-EV	20354.00	106.00	116.75		117.30	0.005455	6.07	3609.37	584.24	0.35
Chiq-2-Oso	22646	25-EV	16977.00	106.00	115.80		116.30	0.005424	5.74	3068.96	534.62	0.35
Chiq-2-Oso	22646	10-EV	7565.00	106.00	112.19		112.50	0.006080	4.43	1707.49	331.13	0.34
Chiq-2-Oso	22646	5-EV	2846.00	106.00	109.55		109.73	0.007848	3.33	855.78	312.58	0.35
Chiq-2-Oso	22646	2-EV	774.00	106.00	107.97		108.03	0.007382	2.02	382.33	285.34	0.31
Chiq-2-Oso	22346	100-EV	23151.00	104.00	116.09	110.52	116.61	0.003783	5.93	4333.91	655.03	0.33

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	22346	50-EV	20354.00	104.00	115.48	110.04	115.95	0.003671	5.62	3962.46	593.40	0.32
Chiq-2-Oso	22346	25-EV	16977.00	104.00	114.51	109.44	114.94	0.003729	5.31	3396.50	583.17	0.32
Chiq-2-Oso	22346	10-EV	7565.00	104.00	110.77	107.38	111.04	0.003927	4.13	1830.69	324.55	0.31
Chiq-2-Oso	22346	5-EV	2846.00	104.00	107.75	105.90	107.90	0.004841	3.16	900.42	288.07	0.32
Chiq-2-Oso	22346	2-EV	774.00	104.00	105.56	104.85	105.65	0.008607	2.45	315.52	238.22	0.38
Chiq-2-Oso	22046	100-EV	23151.00	102.00	114.90	109.52	115.51	0.003540	6.48	4301.03	728.90	0.35
Chiq-2-Oso	22046	50-EV	20354.00	102.00	114.32	108.98	114.88	0.003400	6.17	3885.89	709.10	0.35
Chiq-2-Oso	22046	25-EV	16977.00	102.00	113.33	108.29	113.86	0.003464	5.91	3203.07	656.52	0.35
Chiq-2-Oso	22046	10-EV	7565.00	102.00	109.69	105.96	109.99	0.003107	4.41	1717.17	280.30	0.31
Chiq-2-Oso	22046	5-EV	2846.00	102.00	106.68	104.21	106.83	0.002726	3.08	923.18	246.05	0.28
Chiq-2-Oso	22046	2-EV	774.00	102.00	104.43	103.01	104.49	0.002182	1.88	411.88	203.30	0.23
Chiq-2-Oso	21746	100-EV	23151.00	100.10	113.49	108.91	114.20	0.005426	7.13	4058.59	767.02	0.39
Chiq-2-Oso	21746	50-EV	20354.00	100.10	112.96	108.39	113.62	0.005260	6.78	3658.45	748.74	0.38
Chiq-2-Oso	21746	25-EV	16977.00	100.10	111.80	107.70	112.48	0.006166	6.77	2830.97	611.27	0.40
Chiq-2-Oso	21746	10-EV	7565.00	100.10	108.27	105.38	108.68	0.006390	5.15	1468.43	261.02	0.38
Chiq-2-Oso	21746	5-EV	2846.00	100.10	105.32	103.62	105.55	0.007477	3.90	730.23	231.61	0.39
Chiq-2-Oso	21746	2-EV	774.00	100.10	103.12	102.44	103.25	0.010527	2.88	268.82	187.66	0.42
Chiq-2-Oso	21446	100-EV	23151.00	98.00	112.61	107.39	112.97	0.002718	5.09	4993.77	632.22	0.29
Chiq-2-Oso	21446	50-EV	20354.00	98.00	111.67	106.76	112.21	0.004018	5.90	3449.79	403.56	0.36
Chiq-2-Oso	21446	25-EV	16977.00	98.00	110.35	105.87	110.88	0.004436	5.80	2927.30	390.35	0.37
Chiq-2-Oso	21446	10-EV	7565.00	98.00	106.75	103.62	107.10	0.004351	4.74	1596.84	317.72	0.37
Chiq-2-Oso	21446	5-EV	2846.00	98.00	103.61	101.59	103.83	0.004542	3.76	756.56	246.39	0.38
Chiq-2-Oso	21446	2-EV	774.00	98.00	101.31	100.04	101.41	0.003958	2.56	302.23	159.64	0.33
Chiq-2-Oso	21146	100-EV	23151.00	98.00	111.52	105.74	111.96	0.004228	5.29	4377.32	499.09	0.31
Chiq-2-Oso	21146	50-EV	20354.00	98.00	110.50	105.20	110.93	0.004307	5.24	3882.22	465.87	0.32
Chiq-2-Oso	21146	25-EV	16977.00	98.00	108.98	104.37	109.42	0.005146	5.30	3201.91	437.13	0.35
Chiq-2-Oso	21146	10-EV	7565.00	98.00	105.16	101.81	105.49	0.006659	4.61	1639.24	348.09	0.37
Chiq-2-Oso	21146	5-EV	2846.00	98.00	102.33	100.12	102.49	0.004235	3.27	870.25	238.80	0.30
Chiq-2-Oso	21146	2-EV	774.00	98.00	100.01	98.94	100.09	0.004845	2.21	350.03	203.81	0.30
Chiq-2-Oso	20888	100-EV	23151.00	96.00	111.02	107.39	111.27	0.001621	3.99	5804.80	509.79	0.21
Chiq-2-Oso	20888	50-EV	20354.00	96.00	109.98	106.76	110.21	0.001689	3.86	5277.80	504.76	0.21
Chiq-2-Oso	20888	25-EV	16977.00	96.00	108.36	105.87	108.59	0.001940	3.80	4468.42	489.43	0.22
Chiq-2-Oso	20888	10-EV	7565.00	96.00	104.50	104.63	104.63	0.001804	2.82	2678.00	443.57	0.20
Chiq-2-Oso	20888	5-EV	2846.00	96.00	101.75	101.81	101.81	0.001696	1.92	1481.49	423.35	0.18
Chiq-2-Oso	20888	2-EV	774.00	96.00	99.54	99.56	99.56	0.001057	1.18	654.21	280.56	0.14
Chiq-2-Oso	20628	100-EV	23151.00	96.02	110.52	107.39	110.81	0.001906	4.25	5451.19	500.80	0.23
Chiq-2-Oso	20628	50-EV	20354.00	96.02	109.46	106.76	109.72	0.002044	4.14	4918.77	497.45	0.23
Chiq-2-Oso	20628	25-EV	16977.00	96.02	107.73	105.87	108.00	0.002626	4.18	4061.47	492.02	0.26
Chiq-2-Oso	20628	10-EV	7565.00	96.02	103.73	103.93	103.93	0.004250	3.56	2123.25	478.49	0.30
Chiq-2-Oso	20628	5-EV	2846.00	96.02	101.00	101.12	101.12	0.004430	2.79	1019.68	338.93	0.28
Chiq-2-Oso	20628	2-EV	774.00	96.02	99.01	99.06	99.06	0.004367	1.86	416.64	255.70	0.26
Chiq-2-Oso	20214	100-EV	23151.00	93.43	110.05	107.39	110.22	0.001001	3.31	6984.84	669.16	0.18
Chiq-2-Oso	20214	50-EV	20354.00	93.43	108.93	106.76	109.10	0.001075	3.26	6247.46	654.90	0.19
Chiq-2-Oso	20214	25-EV	16977.00	93.43	107.02	105.87	107.19	0.001404	3.38	5027.49	610.04	0.21
Chiq-2-Oso	20214	10-EV	7565.00	93.43	102.64	102.77	102.77	0.001944	2.89	2621.86	509.37	0.22
Chiq-2-Oso	20214	5-EV	2846.00	93.43	99.47	99.57	99.57	0.003209	2.61	1091.57	404.93	0.28
Chiq-2-Oso	20214	2-EV	774.00	93.43	97.40	97.45	97.45	0.003524	1.77	438.31	249.82	0.24
Chiq-2-Oso	19936	100-EV	23151.00	92.08	109.39	102.45	109.74	0.002563	5.02	5071.23	804.17	0.35
Chiq-2-Oso	19936	50-EV	20354.00	92.08	108.11	101.62	108.55	0.002963	5.65	4069.00	624.70	0.37
Chiq-2-Oso	19936	25-EV	16977.00	92.08	105.77	100.85	106.41	0.004633	6.63	2880.76	459.02	0.40
Chiq-2-Oso	19936	10-EV	7565.00	92.08	101.23	98.14	101.76	0.006193	5.84	1294.29	204.35	0.41
Chiq-2-Oso	19936	5-EV	2846.00	92.08	97.81	96.22	98.13	0.008702	4.53	628.89	184.46	0.43
Chiq-2-Oso	19936	2-EV	774.00	92.08	95.77	94.92	95.90	0.009671	2.85	271.32	165.68	0.39
Chiq-2-Oso	19803		Bridge									
Chiq-2-Oso	19802	100-EV	23185.00	90.60	106.36	107.39	107.23	0.005751	7.53	3256.30	514.24	0.40
Chiq-2-Oso	19802	50-EV	20391.00	90.60	105.61	106.41	106.41	0.005405	7.15	2904.30	393.37	0.38
Chiq-2-Oso	19802	25-EV	16992.00	90.60	104.44	105.14	105.14	0.005117	6.69	2541.62	254.21	0.37
Chiq-2-Oso	19802	10-EV	7566.00	90.60	100.39	100.75	100.75	0.003894	4.81	1572.69	224.06	0.32
Chiq-2-Oso	19802	5-EV	2859.00	90.60	96.75	96.94	96.94	0.004151	3.56	802.82	199.31	0.31
Chiq-2-Oso	19802	2-EV	774.00	90.60	94.26	94.34	94.34	0.004810	2.35	329.80	179.09	0.30
Chiq-2-Oso	19502	100-EV	23185.00	88.98	105.77	107.39	106.00	0.001848	3.87	6116.54	693.41	0.21
Chiq-2-Oso	19502	50-EV	20391.00	88.98	105.03	105.24	105.24	0.001831	3.68	5614.62	653.27	0.21
Chiq-2-Oso	19502	25-EV	16992.00	88.98	103.80	103.99	103.99	0.001943	3.51	4850.46	591.17	0.21
Chiq-2-Oso	19502	10-EV	7566.00	88.98	99.49	99.63	99.63	0.002925	2.96	2553.42	514.82	0.23
Chiq-2-Oso	19502	5-EV	2859.00	88.98	95.52	95.67	95.67	0.004175	3.11	919.42	278.60	0.30
Chiq-2-Oso	19502	2-EV	774.00	88.98	92.54	92.68	92.68	0.006355	3.00	258.34	135.32	0.38
Chiq-2-Oso	19051	100-EV	23185.00	85.16	104.33	97.88	104.76	0.004326	5.47	4616.68	627.79	0.31
Chiq-2-Oso	19051	50-EV	20391.00	85.16	103.55	97.09	103.97	0.004601	5.34	4133.00	618.88	0.31
Chiq-2-Oso	19051	25-EV	16992.00	85.16	102.19	96.19	102.63	0.005050	5.43	3320.13	557.80	0.33

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	19051	10-EV	7566.00	85.16	97.48	93.31	97.85	0.005435	4.84	1563.61	267.49	0.35
Chiq-2-Oso	19051	5-EV	2859.00	85.16	92.97	90.40	93.30	0.006735	4.59	622.23	173.61	0.43
Chiq-2-Oso	19051	2-EV	774.00	85.16	89.36	88.02	89.60	0.007299	3.95	196.03	76.32	0.43
Chiq-2-Oso	18639	100-EV	23185.00	83.82	102.26	94.38	102.86	0.004836	6.36	3916.53	465.83	0.34
Chiq-2-Oso	18639	50-EV	20391.00	83.82	101.59	93.67	102.12	0.004333	5.97	3622.10	414.21	0.32
Chiq-2-Oso	18639	25-EV	16992.00	83.82	100.25	92.75	100.76	0.004099	5.76	3099.70	368.80	0.32
Chiq-2-Oso	18639	10-EV	7566.00	83.82	96.00	89.52	96.27	0.002760	4.14	1829.69	217.83	0.25
Chiq-2-Oso	18639	5-EV	2859.00	83.82	91.58	87.19	91.72	0.002327	2.94	973.71	171.75	0.22
Chiq-2-Oso	18639	2-EV	774.00	83.82	88.24	85.53	88.28	0.001662	1.69	458.93	137.54	0.16
Chiq-2-Oso	18111	100-EV	23185.00	82.72	98.05		98.70	0.015095	6.43	3607.83	737.96	0.51
Chiq-2-Oso	18111	50-EV	20391.00	82.72	97.43		98.08	0.016799	6.46	3157.01	695.63	0.53
Chiq-2-Oso	18111	25-EV	16992.00	82.72	96.28		96.99	0.015126	6.76	2513.58	494.10	0.53
Chiq-2-Oso	18111	10-EV	7566.00	82.72	92.71		93.37	0.015153	6.49	1164.95	258.96	0.54
Chiq-2-Oso	18111	5-EV	2859.00	82.72	89.11		89.54	0.008918	5.24	545.64	130.35	0.45
Chiq-2-Oso	18111	2-EV	774.00	82.72	86.39		86.57	0.008582	3.45	224.62	106.14	0.42
Chiq-2-Oso	17706	100-EV	23185.00	79.52	94.91	90.05	95.54	0.004732	6.40	3873.12	695.12	0.39
Chiq-2-Oso	17706	50-EV	20391.00	79.52	94.27	89.53	94.85	0.004610	6.13	3453.28	609.00	0.38
Chiq-2-Oso	17706	25-EV	16992.00	79.52	92.07	88.85	92.83	0.007403	7.01	2423.18	388.72	0.50
Chiq-2-Oso	17706	10-EV	7566.00	79.52	88.71	86.26	89.22	0.007235	5.72	1323.34	278.66	0.46
Chiq-2-Oso	17706	5-EV	2859.00	79.52	85.44	83.83	85.84	0.009282	5.13	557.84	175.48	0.51
Chiq-2-Oso	17706	2-EV	774.00	79.52	82.91	81.93	83.12	0.008440	3.67	210.65	106.36	0.46
Chiq-2-Oso	17618	100-EV	23185.00	78.87	94.38	87.95	95.10	0.004870	6.93	3647.46	652.32	0.38
Chiq-2-Oso	17618	50-EV	20391.00	78.87	93.79	87.29	94.44	0.004537	6.54	3320.86	580.43	0.37
Chiq-2-Oso	17618	25-EV	16992.00	78.87	91.45	86.45	92.24	0.006097	7.13	2390.70	305.25	0.42
Chiq-2-Oso	17618	10-EV	7566.00	78.87	88.42	83.58	88.75	0.003339	4.59	1647.47	224.90	0.30
Chiq-2-Oso	17618	5-EV	2859.00	78.87	85.30	81.49	85.43	0.002040	2.87	995.51	192.89	0.22
Chiq-2-Oso	17618	2-EV	774.00	78.87	82.86	80.04	82.89	0.000849	1.39	554.92	168.69	0.14
Chiq-2-Oso	17514	100-EV	23185.00	78.31	93.99	89.46	94.53	0.005198	5.98	4217.30	878.42	0.36
Chiq-2-Oso	17514	50-EV	20391.00	78.31	93.39	89.05	93.89	0.005169	5.76	3762.54	824.40	0.36
Chiq-2-Oso	17514	25-EV	16992.00	78.31	90.46	88.49	91.35	0.012904	7.53	2255.96	398.63	0.56
Chiq-2-Oso	17514	10-EV	7566.00	78.31	87.14	85.69	87.99	0.021209	7.39	1023.45	315.76	0.72
Chiq-2-Oso	17514	5-EV	2859.00	78.31	84.37	83.22	84.92	0.016067	5.99	477.00	146.42	0.59
Chiq-2-Oso	17514	2-EV	774.00	78.31	82.49	81.36	82.67	0.009521	3.36	230.23	116.19	0.42
Chiq-2-Oso	17407	100-EV	31315.00	77.06	92.18	89.52	93.64	0.010153	9.81	3529.40	837.37	0.59
Chiq-2-Oso	17407	50-EV	28150.00	77.06	91.56	89.02	93.00	0.010387	9.66	3092.69	673.07	0.60
Chiq-2-Oso	17407	25-EV	17091.00	77.06	88.87	87.09	90.05	0.010862	8.70	1965.09	334.13	0.63
Chiq-2-Oso	17407	10-EV	7541.00	77.06	85.45	83.96	86.36	0.011309	7.64	986.43	216.58	0.63
Chiq-2-Oso	17407	5-EV	2801.00	77.06	82.15	81.77	82.97	0.020252	7.26	385.61	152.15	0.80
Chiq-2-Oso	17407	2-EV	871.00	77.06	79.76	79.76	80.60	0.044646	7.37	118.23	70.44	1.00
Chiq-2-Oso	17310	100-EV	31315.00	75.75	91.99	86.74	92.74	0.005227	7.11	4818.62	741.88	0.38
Chiq-2-Oso	17310	50-EV	28150.00	75.75	91.38	86.23	92.08	0.005199	6.86	4412.52	619.75	0.38
Chiq-2-Oso	17310	25-EV	17091.00	75.75	88.63	84.02	89.15	0.005136	5.82	3041.79	438.92	0.36
Chiq-2-Oso	17310	10-EV	7541.00	75.75	85.21	81.07	85.51	0.004619	4.41	1708.30	312.22	0.33
Chiq-2-Oso	17310	5-EV	2801.00	75.75	82.05	78.93	82.21	0.002685	3.16	885.24	206.58	0.27
Chiq-2-Oso	17310	2-EV	871.00	75.75	79.60	77.61	79.67	0.001692	1.99	438.35	160.49	0.21
Chiq-2-Oso	16902	100-EV	31315.00	74.69	89.97	84.95	90.72	0.004672	6.96	4548.89	705.63	0.45
Chiq-2-Oso	16902	50-EV	28150.00	74.69	89.31	84.47	90.05	0.004770	6.88	4107.14	633.50	0.46
Chiq-2-Oso	16902	25-EV	17091.00	74.69	86.66	82.55	87.24	0.004276	6.09	2805.41	389.64	0.40
Chiq-2-Oso	16902	10-EV	7541.00	74.69	83.66	80.47	83.95	0.003210	4.29	1756.24	323.22	0.32
Chiq-2-Oso	16902	5-EV	2801.00	74.69	80.89	78.59	81.03	0.003096	3.07	913.51	287.35	0.30
Chiq-2-Oso	16902	2-EV	871.00	74.69	78.44	77.00	78.55	0.005056	2.74	318.03	163.44	0.35
Chiq-2-Oso	16381	100-EV	31315.00	72.46	88.31	83.44	88.69	0.002985	4.94	6336.38	771.20	0.30
Chiq-2-Oso	16381	50-EV	28150.00	72.46	87.58	83.15	87.95	0.003129	4.87	5774.81	764.79	0.31
Chiq-2-Oso	16381	25-EV	17091.00	72.46	84.69	81.90	85.03	0.003942	4.71	3625.59	710.02	0.37
Chiq-2-Oso	16381	10-EV	7541.00	72.46	81.33	78.88	81.76	0.005680	5.25	1436.07	497.89	0.55
Chiq-2-Oso	16381	5-EV	2801.00	72.46	79.00	76.26	79.23	0.003882	3.84	728.95	202.81	0.36
Chiq-2-Oso	16381	2-EV	871.00	72.46	77.02	74.57	77.09	0.001768	2.18	399.56	131.44	0.22
Chiq-2-Oso	16031	100-EV	31315.00	71.92	87.31	80.99	87.66	0.002852	4.69	6670.58	865.68	0.30
Chiq-2-Oso	16031	50-EV	28150.00	71.92	86.51	80.57	86.86	0.003053	4.71	5981.87	854.01	0.31
Chiq-2-Oso	16031	25-EV	17091.00	71.92	83.29	78.89	83.65	0.003899	4.84	3533.80	583.29	0.35
Chiq-2-Oso	16031	10-EV	7541.00	71.92	79.23	76.96	79.57	0.006727	4.66	1619.05	390.30	0.40
Chiq-2-Oso	16031	5-EV	2801.00	71.92	76.30	75.70	76.62	0.019392	4.52	619.64	322.16	0.57
Chiq-2-Oso	16031	2-EV	871.00	71.92	74.84	74.84	75.21	0.070940	4.85	179.76	246.86	1.00
Chiq-2-Oso	15581	100-EV	31315.00	68.33	83.82	79.13	85.39	0.009578	10.04	3119.23	280.22	0.53
Chiq-2-Oso	15581	50-EV	28150.00	68.33	83.03	78.45	84.49	0.009693	9.71	2898.58	274.72	0.53
Chiq-2-Oso	15581	25-EV	17091.00	68.33	80.13	75.78	81.13	0.008250	7.99	2138.50	248.94	0.48
Chiq-2-Oso	15581	10-EV	7541.00	68.33	76.51	72.90	77.00	0.004872	5.60	1346.82	197.87	0.38
Chiq-2-Oso	15581	5-EV	2801.00	68.33	73.72	70.89	73.91	0.002845	3.41	822.00	179.50	0.28
Chiq-2-Oso	15581	2-EV	871.00	68.33	71.72	69.70	71.77	0.001480	1.83	475.28	166.23	0.19

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	15118	100-EV	31315.00	67.83	81.29	76.17	82.24	0.004256	7.83	4000.00	395.62	0.43
Chiq-2-Oso	15118	50-EV	28150.00	67.83	80.27	75.70	81.21	0.004680	7.81	3605.77	376.30	0.44
Chiq-2-Oso	15118	25-EV	17091.00	67.83	77.44	73.88	78.11	0.004773	6.58	2598.94	343.80	0.42
Chiq-2-Oso	15118	10-EV	7541.00	67.83	74.52	71.91	74.86	0.004093	4.63	1628.36	321.84	0.36
Chiq-2-Oso	15118	5-EV	2801.00	67.83	72.37	70.57	72.50	0.003128	2.94	951.78	305.84	0.29
Chiq-2-Oso	15118	2-EV	871.00	67.83	70.87	69.30	70.92	0.002382	1.74	501.62	293.78	0.23
Chiq-2-Oso	14486		Bridge									
Chiq-2-Oso	14485	100-EV	31315.00	61.96	79.72	71.18	80.67	0.000605	7.83	4005.64	291.21	0.35
Chiq-2-Oso	14485	50-EV	28150.00	61.96	78.54	70.57	79.44	0.000635	7.61	3700.36	259.23	0.35
Chiq-2-Oso	14485	25-EV	17091.00	61.96	73.87	68.21	74.57	0.000752	6.73	2540.35	239.38	0.36
Chiq-2-Oso	14485	10-EV	7541.00	61.96	68.75	65.64	69.22	0.001034	5.52	1367.01	217.93	0.39
Chiq-2-Oso	14485	5-EV	2801.00	61.96	65.38	63.89	65.66	0.001507	4.26	658.01	202.97	0.42
Chiq-2-Oso	14485	2-EV	871.00	61.96	63.60	62.85	63.73	0.001764	2.84	306.87	192.91	0.40
Chiq-2-Oso	14277	100-EV	31315.00	61.13	77.41	73.08	79.98	0.001970	12.86	2434.61	176.22	0.61
Chiq-2-Oso	14277	50-EV	28150.00	61.13	76.31	72.31	78.76	0.002041	12.55	2243.03	172.62	0.61
Chiq-2-Oso	14277	25-EV	17091.00	61.13	72.00	69.26	73.94	0.002422	11.17	1529.48	158.49	0.63
Chiq-2-Oso	14277	10-EV	7541.00	61.13	67.30	65.91	68.61	0.003310	9.19	820.31	143.08	0.68
Chiq-2-Oso	14277	5-EV	2801.00	61.13	64.18	63.63	64.98	0.004990	7.19	389.39	132.85	0.74
Chiq-2-Oso	14277	2-EV	871.00	61.13	62.33	62.28	62.86	0.010917	5.80	150.15	126.81	0.94
Chiq-2-Oso	14166	100-EV	31315.00	59.38	77.49	71.82	79.53	0.001450	11.48	2728.11	187.06	0.53
Chiq-2-Oso	14166	50-EV	28150.00	59.38	76.38	71.05	78.31	0.001487	11.16	2522.52	183.24	0.53
Chiq-2-Oso	14166	25-EV	17091.00	59.38	72.02	68.06	73.49	0.001647	9.73	1756.52	168.22	0.53
Chiq-2-Oso	14166	10-EV	7541.00	59.38	67.23	64.80	68.13	0.001900	7.61	991.16	151.74	0.52
Chiq-2-Oso	14166	5-EV	2801.00	59.38	64.02	62.56	64.47	0.002038	5.38	521.02	140.66	0.49
Chiq-2-Oso	14166	2-EV	871.00	59.38	62.04	61.25	62.23	0.002145	3.48	249.99	133.85	0.45
Chiq-2-Oso	13965		Bridge									
Chiq-2-Oso	13964	100-EV	31315.00	59.29	77.04	71.26	79.04	0.001433	11.37	2755.03	188.27	0.52
Chiq-2-Oso	13964	50-EV	28150.00	59.29	75.92	70.50	77.82	0.001490	11.05	2546.43	184.41	0.52
Chiq-2-Oso	13964	25-EV	17091.00	59.29	71.52	67.53	72.97	0.001776	9.66	1768.76	169.26	0.53
Chiq-2-Oso	13964	10-EV	7541.00	59.29	66.65	64.28	67.56	0.002316	7.65	985.66	152.49	0.53
Chiq-2-Oso	13964	5-EV	2801.00	59.29	63.38	62.06	63.86	0.002864	5.54	505.48	141.22	0.52
Chiq-2-Oso	13964	2-EV	871.00	59.29	61.22	60.75	61.49	0.005174	4.17	208.65	133.79	0.59
Chiq-2-Oso	13772	100-EV	31315.00	56.94	76.44	70.77	78.68	0.001550	12.03	2603.35	235.04	0.54
Chiq-2-Oso	13772	50-EV	28150.00	56.94	75.36	69.96	77.46	0.001594	11.62	2421.84	203.35	0.54
Chiq-2-Oso	13772	25-EV	17091.00	56.94	71.09	66.81	72.61	0.001745	9.89	1727.31	155.92	0.52
Chiq-2-Oso	13772	10-EV	7541.00	56.94	66.27	63.35	67.13	0.001921	7.45	1012.77	140.74	0.49
Chiq-2-Oso	13772	5-EV	2801.00	56.94	63.01	60.97	63.39	0.001735	4.91	570.69	130.46	0.41
Chiq-2-Oso	13772	2-EV	871.00	56.94	60.77	59.26	60.92	0.001627	3.04	286.67	123.41	0.35
Chiq-2-Oso	13595	100-EV	31315.00	57.59	75.67	70.85	78.28	0.001875	12.96	2417.17	213.20	0.59
Chiq-2-Oso	13595	50-EV	28150.00	57.59	74.61	70.02	77.05	0.001928	12.52	2248.43	202.46	0.59
Chiq-2-Oso	13595	25-EV	17091.00	57.59	70.41	66.80	72.19	0.002153	10.71	1595.71	148.96	0.58
Chiq-2-Oso	13595	10-EV	7541.00	57.59	65.65	63.26	66.69	0.002493	8.18	921.60	134.64	0.55
Chiq-2-Oso	13595	5-EV	2801.00	57.59	62.56	60.84	63.01	0.002244	5.39	520.07	125.34	0.47
Chiq-2-Oso	13595	2-EV	871.00	57.59	60.38	59.30	60.56	0.002329	3.44	253.46	118.75	0.41
Chiq-2-Oso	13428		Bridge									
Chiq-2-Oso	13427	100-EV	31315.00	55.69	64.93	67.22	73.01	0.012176	22.81	1372.92	183.90	1.47
Chiq-2-Oso	13427	50-EV	28150.00	55.69	64.46	66.53	71.89	0.012116	21.86	1287.66	182.02	1.45
Chiq-2-Oso	13427	25-EV	17091.00	55.69	62.71	63.84	67.49	0.011066	17.54	974.64	175.07	1.31
Chiq-2-Oso	13427	10-EV	7541.00	55.69	60.92	60.90	62.90	0.007373	11.27	669.17	167.40	0.99
Chiq-2-Oso	13427	5-EV	2801.00	55.69	58.99	58.86	59.96	0.008130	7.89	354.97	155.62	0.92
Chiq-2-Oso	13427	2-EV	871.00	55.69	57.93	57.60	58.24	0.005672	4.47	194.67	148.25	0.69
Chiq-2-Oso	13088	100-EV	31315.00	53.14	67.15	65.27	70.68	0.002936	15.07	2077.30	181.42	0.79
Chiq-2-Oso	13088	50-EV	28150.00	53.14	66.21	64.54	69.59	0.003111	14.75	1908.87	177.90	0.79
Chiq-2-Oso	13088	25-EV	17091.00	53.14	63.10	61.63	65.50	0.003314	12.45	1373.21	166.20	0.76
Chiq-2-Oso	13088	10-EV	7541.00	53.14	59.26	60.78	60.78	0.004348	9.87	763.88	151.79	0.78
Chiq-2-Oso	13088	5-EV	2801.00	53.14	56.59	57.47	57.47	0.006405	7.54	371.62	141.75	0.82
Chiq-2-Oso	13088	2-EV	871.00	53.14	54.77	54.77	55.39	0.012551	6.32	137.91	113.36	1.01
Oso-2-Ocean	12592	100-EV	32088.00	50.03	68.09	60.97	69.32	0.000778	8.92	3595.74	249.90	0.41
Oso-2-Ocean	12592	50-EV	28749.00	50.03	67.09	60.32	68.23	0.000785	8.59	3348.52	245.91	0.41
Oso-2-Ocean	12592	25-EV	17454.00	50.03	63.59	57.87	64.34	0.000731	6.95	2512.86	231.92	0.37
Oso-2-Ocean	12592	10-EV	7725.00	50.03	59.40	55.20	59.77	0.000654	4.90	1575.33	215.14	0.32
Oso-2-Ocean	12592	5-EV	3008.00	50.03	56.55	53.27	56.70	0.000470	3.07	979.45	203.76	0.25
Oso-2-Ocean	12592	2-EV	983.00	50.03	54.48	51.92	54.52	0.000269	1.72	571.35	184.60	0.17
Oso-2-Ocean	12293	100-EV	45346.00	50.16	63.58	63.14	68.42	0.004628	17.65	2569.47	239.08	0.95
Oso-2-Ocean	12293	50-EV	40722.00	50.16	62.67	62.38	67.32	0.004966	17.31	2352.71	235.42	0.97
Oso-2-Ocean	12293	25-EV	26010.00	50.16	59.77	59.68	63.46	0.005962	15.40	1688.65	223.85	0.99
Oso-2-Ocean	12293	10-EV	12404.00	50.16	56.89	56.60	59.02	0.006249	11.71	1059.28	212.31	0.92
Oso-2-Ocean	12293	5-EV	5619.00	50.16	54.94	54.94	56.09	0.006277	8.59	654.24	204.54	0.85

HEC-RAS Plan: NoPA5 (Continued)

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
Oso-2-Ocean	12293	2-EV	2249.00	50.16	53.46		54.07	0.006085	6.26	359.31	173.85	0.77
Oso-2-Ocean	11991	100-EV	45346.00	47.56	63.28		66.97	0.002988	15.41	2942.71	245.11	0.78
Oso-2-Ocean	11991	50-EV	40722.00	47.56	62.25		65.80	0.003212	15.13	2692.22	240.99	0.80
Oso-2-Ocean	11991	25-EV	26010.00	47.56	58.77		61.75	0.004212	13.84	1879.11	227.09	0.85
Oso-2-Ocean	11991	10-EV	12404.00	47.56	55.26	54.77	57.21	0.005424	11.21	1106.26	213.04	0.87
Oso-2-Ocean	11991	5-EV	5619.00	47.56	53.19		54.27	0.005704	8.34	673.66	204.76	0.81
Oso-2-Ocean	11991	2-EV	2249.00	47.56	51.70		52.26	0.005830	6.01	374.49	186.56	0.75
Oso-2-Ocean	11618	100-EV	45346.00	45.04	62.29	59.70	65.93	0.002520	15.29	2965.45	226.18	0.74
Oso-2-Ocean	11618	50-EV	40722.00	45.04	61.21	58.87	64.69	0.002673	14.96	2722.59	221.85	0.75
Oso-2-Ocean	11618	25-EV	26010.00	45.04	57.45	55.95	60.31	0.003387	13.57	1916.23	206.80	0.79
Oso-2-Ocean	11618	10-EV	12404.00	45.04	53.29	52.60	55.30	0.004830	11.37	1090.65	190.16	0.84
Oso-2-Ocean	11618	5-EV	5619.00	45.04	50.76	50.40	52.02	0.006235	9.02	623.14	180.05	0.85
Oso-2-Ocean	11618	2-EV	2249.00	45.04	49.07	48.82	49.80	0.007387	6.84	328.70	160.88	0.84
Oso-2-Ocean	11317	100-EV	45346.00	43.62	58.68	58.64	64.68	0.004696	19.65	2308.20	192.89	1.00
Oso-2-Ocean	11317	50-EV	40722.00	43.62	57.86	57.74	63.43	0.004741	18.93	2151.63	189.62	0.99
Oso-2-Ocean	11317	25-EV	26010.00	43.62	54.90	54.53	58.97	0.004940	16.18	1607.26	177.76	0.95
Oso-2-Ocean	11317	10-EV	12404.00	43.62	51.29		53.72	0.005373	12.50	992.03	163.33	0.89
Oso-2-Ocean	11317	5-EV	5619.00	43.62	48.75		50.16	0.006068	9.54	589.18	153.15	0.86
Oso-2-Ocean	11317	2-EV	2249.00	43.62	46.81		47.64	0.006934	7.29	308.31	130.78	0.84
Oso-2-Ocean	11017	100-EV	45346.00	40.61	58.49		63.14	0.003131	17.30	2621.54	199.31	0.84
Oso-2-Ocean	11017	50-EV	40722.00	40.61	57.60		61.91	0.003151	16.65	2445.56	195.75	0.83
Oso-2-Ocean	11017	25-EV	26010.00	40.61	54.40		57.50	0.003201	14.14	1839.40	182.94	0.79
Oso-2-Ocean	11017	10-EV	12404.00	40.61	50.53		52.30	0.003211	10.67	1162.40	167.49	0.71
Oso-2-Ocean	11017	5-EV	5619.00	40.61	47.79		48.74	0.003172	7.82	718.13	156.52	0.64
Oso-2-Ocean	11017	2-EV	2249.00	40.61	45.75		46.22	0.002994	5.50	408.96	141.00	0.57
Oso-2-Ocean	10717	100-EV	45346.00	40.47	57.67	55.90	62.18	0.002983	17.03	2662.84	200.85	0.82
Oso-2-Ocean	10717	50-EV	40722.00	40.47	56.76	54.99	60.95	0.003013	16.41	2481.20	197.20	0.82
Oso-2-Ocean	10717	25-EV	26010.00	40.47	53.50	51.79	56.54	0.003099	13.99	1858.99	184.15	0.78
Oso-2-Ocean	10717	10-EV	12404.00	40.47	49.60	48.08	51.34	0.003131	10.58	1172.09	168.57	0.71
Oso-2-Ocean	10717	5-EV	5619.00	40.47	46.87	45.61	47.80	0.003056	7.73	726.81	157.65	0.63
Oso-2-Ocean	10717	2-EV	2249.00	40.47	44.89	43.84	45.33	0.002901	5.33	421.89	148.89	0.56
Oso-2-Ocean	10417	100-EV	45346.00	39.73	55.53	54.98	60.97	0.004840	18.70	2425.27	197.09	0.94
Oso-2-Ocean	10417	50-EV	40722.00	39.73	54.70	54.09	59.73	0.004818	18.00	2262.81	193.77	0.93
Oso-2-Ocean	10417	25-EV	26010.00	39.73	51.67	50.89	55.34	0.004769	15.35	1694.58	181.66	0.89
Oso-2-Ocean	10417	10-EV	12404.00	39.73	48.02	47.20	50.16	0.004717	11.72	1058.02	167.06	0.82
Oso-2-Ocean	10417	5-EV	5619.00	39.73	45.49	44.75	46.66	0.004622	8.68	647.36	156.92	0.75
Oso-2-Ocean	10417	2-EV	2249.00	39.73	43.69	42.94	44.26	0.004384	6.06	371.00	147.32	0.67
Oso-2-Ocean	10117	100-EV	45346.00	39.01	54.28	53.60	59.64	0.003931	18.56	2443.50	196.90	0.93
Oso-2-Ocean	10117	50-EV	40722.00	39.01	53.45	52.68	58.41	0.003949	17.85	2281.05	193.57	0.92
Oso-2-Ocean	10117	25-EV	26010.00	39.01	50.39		54.00	0.004089	15.24	1706.64	181.31	0.88
Oso-2-Ocean	10117	10-EV	12404.00	39.01	46.68		48.80	0.004325	11.68	1062.00	166.48	0.82
Oso-2-Ocean	10117	5-EV	5619.00	39.01	44.04		45.25	0.004741	8.83	636.18	155.92	0.77
Oso-2-Ocean	10117	2-EV	2249.00	39.01	42.10		42.77	0.005556	6.57	342.49	143.93	0.75
Oso-2-Ocean	9817	100-EV	45346.00	37.04	53.72	52.14	58.37	0.003141	17.31	2620.20	199.44	0.84
Oso-2-Ocean	9817	50-EV	40722.00	37.04	52.86	51.24	57.15	0.003137	16.62	2450.27	196.00	0.83
Oso-2-Ocean	9817	25-EV	26010.00	37.04	49.69	48.02	52.77	0.003153	14.07	1849.22	183.33	0.78
Oso-2-Ocean	9817	10-EV	12404.00	37.04	45.87	44.29	47.59	0.003082	10.53	1177.87	168.04	0.70
Oso-2-Ocean	9817	5-EV	5619.00	37.04	43.14	41.82	44.05	0.002952	7.65	734.50	157.13	0.62
Oso-2-Ocean	9817	2-EV	2249.00	37.04	41.12	40.04	41.56	0.002769	5.28	425.55	146.71	0.55
Oso-2-Ocean	9517	100-EV	45346.00	36.20	52.16	51.25	57.31	0.003694	18.20	2491.42	198.00	0.90
Oso-2-Ocean	9517	50-EV	40722.00	36.20	51.33		56.08	0.003694	17.48	2329.22	194.69	0.89
Oso-2-Ocean	9517	25-EV	26010.00	36.20	48.34		51.72	0.003669	14.74	1765.05	182.73	0.84
Oso-2-Ocean	9517	10-EV	12404.00	36.20	44.68		46.58	0.003606	11.05	1123.04	168.09	0.75
Oso-2-Ocean	9517	5-EV	5619.00	36.20	42.08		43.08	0.003480	8.04	699.07	157.68	0.67
Oso-2-Ocean	9517	2-EV	2249.00	36.20	40.11		40.61	0.003572	5.67	396.54	149.06	0.61
Oso-2-Ocean	9205	100-EV	45607.00	35.29	50.90	50.10	56.14	0.003771	18.36	2484.20	240.19	0.91
Oso-2-Ocean	9205	50-EV	40948.00	35.29	49.96	49.20	54.89	0.003892	17.81	2299.43	210.78	0.91
Oso-2-Ocean	9205	25-EV	26165.00	35.29	46.61	45.99	50.42	0.004429	15.66	1671.01	180.80	0.91
Oso-2-Ocean	9205	10-EV	12500.00	35.29	42.70	42.28	45.15	0.005441	12.57	994.49	165.15	0.90
Oso-2-Ocean	9205	5-EV	5676.00	35.29	40.15	39.82	41.60	0.006343	9.69	585.85	154.94	0.88
Oso-2-Ocean	9205	2-EV	2279.00	35.29	38.56	38.06	39.24	0.005422	6.57	346.89	143.10	0.74
Oso-2-Ocean	9085	100-EV	45607.00	34.68	50.72	49.36	55.54	0.004031	17.62	2588.92	199.16	0.86
Oso-2-Ocean	9085	50-EV	40948.00	34.68	49.76	48.46	54.28	0.004093	17.07	2398.80	195.30	0.86
Oso-2-Ocean	9085	25-EV	26165.00	34.68	46.31	45.24	49.79	0.004388	14.96	1749.23	181.51	0.85
Oso-2-Ocean	9085	10-EV	12500.00	34.68	42.20	41.50	44.46	0.005106	12.05	1037.48	165.09	0.85
Oso-2-Ocean	9085	5-EV	5676.00	34.68	39.36	39.03	40.83	0.006539	9.70	585.02	153.73	0.88
Oso-2-Ocean	9085	2-EV	2279.00	34.68	37.29	37.29	38.32	0.010352	8.12	280.54	136.33	1.00
Oso-2-Ocean	8985	100-EV	45607.00	33.38	50.81	48.44	54.99	0.003246	16.40	2780.53	201.12	0.78
Oso-2-Ocean	8985	50-EV	40948.00	33.38	49.84	47.52	53.73	0.003252	15.83	2587.01	197.23	0.77

HEC-RAS Plan: NoPA5 (Continued)

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
Oso-2-Ocean	8985	25-EV	26165.00	33.38	46.36	44.27	49.23	0.003258	13.59	1925.57	183.33	0.74
Oso-2-Ocean	8985	10-EV	12500.00	33.38	42.20	40.50	43.89	0.003245	10.44	1196.81	166.67	0.69
Oso-2-Ocean	8985	5-EV	5676.00	33.38	39.28	37.99	40.23	0.003231	7.80	727.53	155.00	0.63
Oso-2-Ocean	8985	2-EV	2279.00	33.38	37.15	36.16	37.64	0.003100	5.56	409.71	140.53	0.57
Oso-2-Ocean	8910	100-EV	45607.00	33.09	50.40	48.28	54.73	0.003373	16.69	2731.89	227.41	0.80
Oso-2-Ocean	8910	50-EV	40948.00	33.09	49.43	47.36	53.47	0.003390	16.13	2538.96	196.78	0.79
Oso-2-Ocean	8910	25-EV	26165.00	33.09	45.96	44.12	48.97	0.003447	13.91	1880.81	182.91	0.76
Oso-2-Ocean	8910	10-EV	12500.00	33.09	41.81	40.37	43.63	0.003552	10.81	1156.61	166.33	0.72
Oso-2-Ocean	8910	5-EV	5676.00	33.09	38.90	37.87	39.95	0.003773	8.23	689.35	154.68	0.69
Oso-2-Ocean	8910	2-EV	2279.00	33.09	36.78	36.08	37.36	0.004111	6.10	373.55	139.78	0.66
Oso-2-Ocean	8610	100-EV	45607.00	31.35	49.65	47.01	53.67	0.003064	16.09	2834.46	281.89	0.76
Oso-2-Ocean	8610	50-EV	40948.00	31.35	48.67	46.10	52.41	0.003066	15.52	2637.77	273.27	0.75
Oso-2-Ocean	8610	25-EV	26165.00	31.35	45.17	42.86	47.92	0.003048	13.30	1967.92	236.55	0.72
Oso-2-Ocean	8610	10-EV	12500.00	31.35	40.99	39.09	42.59	0.002970	10.15	1231.15	167.83	0.66
Oso-2-Ocean	8610	5-EV	5676.00	31.35	38.03	36.59	38.91	0.002912	7.55	751.72	155.99	0.61
Oso-2-Ocean	8610	2-EV	2279.00	31.35	35.82	34.82	36.28	0.002986	5.45	418.02	143.85	0.56
Oso-2-Ocean	8307	100-EV	45707.00	30.12	48.92	45.86	52.71	0.002816	15.62	2925.61	487.80	0.73
Oso-2-Ocean	8307	50-EV	41038.00	30.12	47.94	44.94	51.46	0.002806	15.05	2726.44	406.48	0.72
Oso-2-Ocean	8307	25-EV	26234.00	30.12	44.44	41.70	46.98	0.002723	12.80	2050.04	186.48	0.68
Oso-2-Ocean	8307	10-EV	12542.00	30.12	40.30	37.94	41.72	0.002471	9.56	1311.89	169.91	0.61
Oso-2-Ocean	8307	5-EV	5703.00	30.12	37.39	35.44	38.12	0.002119	6.83	835.25	158.29	0.52
Oso-2-Ocean	8307	2-EV	2293.00	30.12	35.25	33.54	35.57	0.001709	4.54	504.66	148.89	0.44
Oso-2-Ocean	8041	100-EV	45707.00	30.32	45.68	45.60	51.57	0.004537	19.46	2348.33	326.70	0.99
Oso-2-Ocean	8041	50-EV	41038.00	30.32	44.85	44.69	50.32	0.004593	18.77	2186.88	265.36	0.98
Oso-2-Ocean	8041	25-EV	26234.00	30.32	41.83	41.49	45.88	0.004881	16.15	1624.60	180.29	0.95
Oso-2-Ocean	8041	10-EV	12542.00	30.32	38.12	37.80	40.65	0.005711	12.77	982.16	165.42	0.92
Oso-2-Ocean	8041	5-EV	5703.00	30.32	35.57	35.34	37.10	0.006881	9.95	573.37	155.22	0.91
Oso-2-Ocean	8041	2-EV	2293.00	30.32	33.66	33.55	34.63	0.008777	7.88	290.84	131.03	0.93
Oso-2-Ocean	7746	100-EV	45707.00	28.87	45.51	43.82	50.12	0.002935	17.21	2655.99	199.74	0.83
Oso-2-Ocean	7746	50-EV	41038.00	28.87	44.63	42.90	48.88	0.002938	16.54	2481.28	196.21	0.82
Oso-2-Ocean	7746	25-EV	26234.00	28.87	41.44	39.67	44.48	0.002942	13.99	1874.87	183.43	0.77
Oso-2-Ocean	7746	10-EV	12542.00	28.87	37.45	35.92	39.22	0.003031	10.66	1176.03	167.50	0.71
Oso-2-Ocean	7746	5-EV	5703.00	28.87	34.71	33.43	35.65	0.002953	7.80	730.98	156.51	0.64
Oso-2-Ocean	7746	2-EV	2293.00	28.87	32.71	31.61	33.16	0.002676	5.37	427.38	144.81	0.55
Oso-2-Ocean	7417	100-EV	45707.00	28.34	42.80	42.80	48.80	0.004495	19.64	2327.15	239.80	1.00
Oso-2-Ocean	7417	50-EV	41038.00	28.34	41.89	41.89	47.55	0.004653	19.07	2152.03	202.02	1.00
Oso-2-Ocean	7417	25-EV	26234.00	28.34	38.68	38.68	43.07	0.005335	16.81	1561.04	177.65	1.00
Oso-2-Ocean	7417	10-EV	12542.00	28.34	35.28	34.96	37.83	0.005527	12.80	979.56	164.04	0.92
Oso-2-Ocean	7417	5-EV	5703.00	28.34	32.91	32.49	34.30	0.005616	9.47	602.07	154.56	0.85
Oso-2-Ocean	7417	2-EV	2293.00	28.34	31.19	30.81	31.89	0.005818	6.70	342.21	146.49	0.77
Oso-2-Ocean	7118	100-EV	45707.00	25.87	40.39	41.16	47.23	0.005475	20.99	2177.82	194.44	1.10
Oso-2-Ocean	7118	50-EV	41038.00	25.87	39.59	40.25	45.96	0.005553	20.25	2026.97	187.76	1.09
Oso-2-Ocean	7118	25-EV	26234.00	25.87	37.43	37.03	41.45	0.004561	16.08	1631.02	179.12	0.94
Oso-2-Ocean	7118	10-EV	12542.00	25.87	33.91	33.31	36.24	0.004679	12.22	1025.95	165.06	0.86
Oso-2-Ocean	7118	5-EV	5703.00	25.87	31.39	30.84	32.70	0.004955	9.16	622.39	154.97	0.81
Oso-2-Ocean	7118	2-EV	2293.00	25.87	29.53	29.06	30.23	0.005276	6.67	343.60	140.30	0.75
Oso-2-Ocean	6817	100-EV	45707.00	24.71	40.58	39.66	45.73	0.003299	18.21	2510.09	394.41	0.90
Oso-2-Ocean	6817	50-EV	41038.00	24.71	39.73	38.74	44.50	0.003309	17.51	2343.49	358.39	0.89
Oso-2-Ocean	6817	25-EV	26234.00	24.71	36.69	35.54	40.11	0.003317	14.82	1770.12	182.65	0.84
Oso-2-Ocean	6817	10-EV	12542.00	24.71	33.05	31.82	34.96	0.003222	11.09	1130.65	168.06	0.75
Oso-2-Ocean	6817	5-EV	5703.00	24.71	30.43	29.35	31.45	0.003098	8.08	705.53	157.62	0.67
Oso-2-Ocean	6817	2-EV	2293.00	24.71	28.52	27.66	29.00	0.002961	5.58	410.77	149.90	0.59
Oso-2-Ocean	6517	100-EV	45707.00	23.72	39.69	38.61	44.67	0.003415	17.91	2551.36	592.04	0.89
Oso-2-Ocean	6517	50-EV	41038.00	23.72	38.80	37.71	43.44	0.003457	17.27	2375.65	567.26	0.88
Oso-2-Ocean	6517	25-EV	26234.00	23.72	35.67	34.54	39.06	0.003594	14.78	1775.55	219.42	0.84
Oso-2-Ocean	6517	10-EV	12542.00	23.72	31.94	30.86	33.91	0.003711	11.26	1114.26	170.13	0.78
Oso-2-Ocean	6517	5-EV	5703.00	23.72	29.38	28.42	30.44	0.003657	8.25	690.87	159.87	0.70
Oso-2-Ocean	6517	2-EV	2293.00	23.72	27.55	26.78	28.05	0.003420	5.66	405.19	152.55	0.61
Oso-2-Ocean	6217	100-EV	45707.00	22.81	38.98	37.45	43.59	0.003082	17.21	2656.14	401.02	0.84
Oso-2-Ocean	6217	50-EV	41038.00	22.81	38.05	36.54	42.35	0.003144	16.63	2467.46	384.17	0.84
Oso-2-Ocean	6217	25-EV	26234.00	22.81	34.75	33.39	37.96	0.003376	14.37	1825.81	245.52	0.81
Oso-2-Ocean	6217	10-EV	12542.00	22.81	30.85	29.76	32.79	0.003721	11.17	1123.16	172.24	0.77
Oso-2-Ocean	6217	5-EV	5703.00	22.81	28.12	27.34	29.26	0.004204	8.54	688.14	161.33	0.74
Oso-2-Ocean	6217	2-EV	2293.00	22.81	26.20	25.72	26.81	0.004944	6.27	365.78	153.65	0.72
Oso-2-Ocean	5917	100-EV	45707.00	21.95	38.83	35.97	42.55	0.002177	15.48	2952.77	415.94	0.73
Oso-2-Ocean	5917	50-EV	41038.00	21.95	37.84	35.08	41.32	0.002218	14.96	2743.08	400.25	0.73
Oso-2-Ocean	5917	25-EV	26234.00	21.95	34.36	31.96	36.93	0.002339	12.87	2038.44	336.53	0.70
Oso-2-Ocean	5917	10-EV	12542.00	21.95	30.26	28.34	31.76	0.002441	9.85	1272.93	177.88	0.65
Oso-2-Ocean	5917	5-EV	5703.00	21.95	27.37	25.94	28.20	0.002527	7.34	776.46	165.65	0.60
Oso-2-Ocean	5917	2-EV	2293.00	21.95	25.24	24.33	25.68	0.002755	5.28	434.33	156.66	0.56

HEC-RAS Plan: NoPA5 (Continued)

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
Oso-2-Ocean	5617	100-EV	45707.00	20.93	38.47	34.86	41.83	0.001878	14.70	3108.96	506.07	0.68
Oso-2-Ocean	5617	50-EV	41038.00	20.93	37.47	33.97	40.59	0.001901	14.18	2894.01	455.86	0.68
Oso-2-Ocean	5617	25-EV	26234.00	20.93	33.93	30.86	36.20	0.001948	12.09	2170.62	284.81	0.64
Oso-2-Ocean	5617	10-EV	12542.00	20.93	29.77	27.26	31.05	0.001902	9.06	1384.01	180.90	0.58
Oso-2-Ocean	5617	5-EV	5703.00	20.93	26.86	24.88	27.52	0.001756	6.52	874.28	169.25	0.51
Oso-2-Ocean	5617	2-EV	2293.00	20.93	24.73	23.28	25.03	0.001534	4.39	522.87	160.73	0.43
Oso-2-Ocean	5248	100-EV	45707.00	19.58	37.80	34.23	41.10	0.001936	14.56	3139.80	220.97	0.68
Oso-2-Ocean	5248	50-EV	41038.00	19.58	36.77	33.37	39.85	0.001979	14.08	2914.31	216.85	0.68
Oso-2-Ocean	5248	25-EV	26234.00	19.58	33.10	30.32	35.43	0.002160	12.23	2144.94	202.16	0.66
Oso-2-Ocean	5248	10-EV	12542.00	19.58	28.79	26.82	30.22	0.002429	9.57	1311.16	184.93	0.63
Oso-2-Ocean	5248	5-EV	5703.00	19.58	25.89	24.49	26.70	0.002619	7.21	790.95	173.31	0.60
Oso-2-Ocean	5248	2-EV	2293.00	19.58	23.88	22.89	24.28	0.002603	5.08	451.29	162.91	0.54
Oso-2-Ocean	5048		Bridge									
Oso-2-Ocean	5036	100-EV	45707.00	17.96	34.12	32.62	38.64	0.002978	17.06	2679.91	273.29	0.84
Oso-2-Ocean	5036	50-EV	41038.00	17.96	33.28	31.75	37.45	0.002975	16.38	2505.60	267.31	0.83
Oso-2-Ocean	5036	25-EV	26234.00	17.96	30.18	28.66	33.20	0.003047	13.94	1881.76	243.90	0.79
Oso-2-Ocean	5036	10-EV	12542.00	17.96	26.51	25.13	28.22	0.003048	10.51	1192.88	180.10	0.72
Oso-2-Ocean	5036	5-EV	5703.00	17.96	23.91	22.78	24.84	0.003007	7.71	739.41	169.73	0.65
Oso-2-Ocean	5036	2-EV	2293.00	17.96	22.01	21.19	22.46	0.002994	5.39	425.04	160.56	0.58
Oso-2-Ocean	4855	100-EV	45707.00	17.51	33.69	31.89	37.99	0.002939	16.63	2749.29	277.80	0.82
Oso-2-Ocean	4855	50-EV	41038.00	17.51	32.85	31.02	36.81	0.002932	15.96	2571.93	266.70	0.80
Oso-2-Ocean	4855	25-EV	26234.00	17.51	29.71	27.96	32.57	0.002996	13.57	1933.70	218.53	0.76
Oso-2-Ocean	4855	10-EV	12542.00	17.51	26.02	24.44	27.62	0.002937	10.16	1233.98	182.08	0.69
Oso-2-Ocean	4855	5-EV	5703.00	17.51	23.43	22.10	24.27	0.002759	7.34	776.69	171.74	0.61
Oso-2-Ocean	4855	2-EV	2293.00	17.51	21.55	20.52	21.94	0.002493	4.98	460.42	164.20	0.52
Oso-2-Ocean	4555	100-EV	45707.00	17.04	31.03	31.03	36.75	0.004744	19.17	2383.81	442.47	1.00
Oso-2-Ocean	4555	50-EV	41038.00	17.04	30.18	30.18	35.55	0.004902	18.60	2206.60	415.63	1.00
Oso-2-Ocean	4555	25-EV	26234.00	17.04	27.40	27.15	31.32	0.005099	15.88	1652.26	291.52	0.96
Oso-2-Ocean	4555	10-EV	12542.00	17.04	24.09	23.68	26.39	0.005403	12.16	1031.48	180.83	0.90
Oso-2-Ocean	4555	5-EV	5703.00	17.04	21.82	21.38	23.09	0.005597	9.04	631.16	171.75	0.83
Oso-2-Ocean	4555	2-EV	2293.00	17.04	20.28	19.84	20.87	0.005233	6.18	370.82	165.57	0.73
Oso-2-Ocean	4255	100-EV	45707.00	14.96	30.30	29.37	35.19	0.003756	17.74	2576.97	397.50	0.90
Oso-2-Ocean	4255	50-EV	41038.00	14.96	29.45	28.52	34.00	0.003814	17.11	2398.25	388.12	0.89
Oso-2-Ocean	4255	25-EV	26234.00	14.96	26.48	25.49	29.80	0.003950	14.60	1797.29	333.28	0.85
Oso-2-Ocean	4255	10-EV	12542.00	14.96	22.88	22.01	24.85	0.004273	11.26	1114.22	182.47	0.80
Oso-2-Ocean	4255	5-EV	5703.00	14.96	20.32	19.72	21.48	0.004911	8.64	660.31	172.23	0.78
Oso-2-Ocean	4255	2-EV	2293.00	14.96	18.43	18.11	19.12	0.006439	6.66	344.20	158.70	0.80
Oso-2-Ocean	3955	100-EV	45707.00	13.95	30.05	27.72	33.96	0.002603	15.88	2878.48	434.36	0.77
Oso-2-Ocean	3955	50-EV	41038.00	13.95	29.15	26.86	32.78	0.002618	15.28	2685.85	421.46	0.76
Oso-2-Ocean	3955	25-EV	26234.00	13.95	26.06	23.83	28.62	0.002581	12.85	2042.06	336.06	0.71
Oso-2-Ocean	3955	10-EV	12542.00	13.95	22.32	20.35	23.73	0.002443	9.52	1317.11	186.74	0.63
Oso-2-Ocean	3955	5-EV	5703.00	13.95	19.68	18.05	20.40	0.002225	6.82	836.76	176.15	0.55
Oso-2-Ocean	3955	2-EV	2293.00	13.95	17.66	16.45	18.00	0.002100	4.69	489.43	168.08	0.48
Oso-2-Ocean	3655	100-EV	45934.00	13.31	27.75	27.17	32.87	0.004199	18.14	2532.53	337.32	0.93
Oso-2-Ocean	3655	50-EV	41237.00	13.31	27.00	26.32	31.70	0.004183	17.39	2370.96	329.47	0.92
Oso-2-Ocean	3655	25-EV	26399.00	13.31	24.12	23.34	27.55	0.004341	14.84	1778.45	227.00	0.88
Oso-2-Ocean	3655	10-EV	12644.00	13.31	20.69	19.91	22.69	0.004560	11.34	1114.57	186.70	0.82
Oso-2-Ocean	3655	5-EV	5769.00	13.31	18.26	17.58	19.40	0.004852	8.57	673.10	174.43	0.77
Oso-2-Ocean	3655	2-EV	2330.00	13.31	16.47	15.91	17.06	0.004739	6.18	377.32	155.12	0.70
Oso-2-Ocean	3355	100-EV	45934.00	11.94	27.20	25.64	31.55	0.003148	16.75	2743.03	386.93	0.83
Oso-2-Ocean	3355	50-EV	41237.00	11.94	26.42	24.80	30.41	0.003114	16.02	2573.33	364.04	0.82
Oso-2-Ocean	3355	25-EV	26399.00	11.94	23.40	21.83	26.28	0.003178	13.62	1938.64	320.94	0.78
Oso-2-Ocean	3355	10-EV	12644.00	11.94	19.83	18.41	21.45	0.003139	10.22	1236.80	189.72	0.71
Oso-2-Ocean	3355	5-EV	5769.00	11.94	17.32	16.15	18.18	0.003051	7.47	772.59	179.67	0.63
Oso-2-Ocean	3355	2-EV	2330.00	11.94	15.52	14.57	15.93	0.002817	5.10	456.53	172.49	0.55
Oso-2-Ocean	3055	100-EV	45934.00	10.65	26.34	24.70	30.59	0.003063	16.52	2779.95	363.47	0.82
Oso-2-Ocean	3055	50-EV	41237.00	10.65	25.57	23.85	29.45	0.003024	15.80	2609.70	354.58	0.81
Oso-2-Ocean	3055	25-EV	26399.00	10.65	22.46	20.91	25.32	0.003189	13.56	1946.52	302.92	0.78
Oso-2-Ocean	3055	10-EV	12644.00	10.65	18.78	17.53	20.47	0.003402	10.42	1213.20	191.99	0.73
Oso-2-Ocean	3055	5-EV	5769.00	10.65	16.17	15.30	17.15	0.003828	7.96	725.13	181.54	0.70
Oso-2-Ocean	3055	2-EV	2330.00	10.65	14.33	13.78	14.86	0.004527	5.86	397.81	174.17	0.68
Oso-2-Ocean	2755	100-EV	45934.00	10.29	25.96	23.33	29.59	0.002405	15.29	3005.08	358.48	0.74
Oso-2-Ocean	2755	50-EV	41237.00	10.29	25.18	22.50	28.48	0.002352	14.58	2828.99	341.15	0.72
Oso-2-Ocean	2755	25-EV	26399.00	10.29	21.96	19.57	24.35	0.002413	12.41	2127.24	253.84	0.69
Oso-2-Ocean	2755	10-EV	12644.00	10.29	18.17	16.20	19.52	0.002390	9.33	1355.56	196.02	0.63
Oso-2-Ocean	2755	5-EV	5769.00	10.29	15.43	13.98	16.17	0.002433	6.91	834.61	185.09	0.57
Oso-2-Ocean	2755	2-EV	2330.00	10.29	13.39	12.50	13.78	0.002731	5.01	464.83	176.91	0.55
Oso-2-Ocean	2455	100-EV	45934.00	8.81	25.57	22.24	28.81	0.002030	14.44	3180.84	663.78	0.69

HEC-RAS Plan: NoPA5 (Continued)

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
Oso-2-Ocean	2455	50-EV	41237.00	8.81	24.79	21.41	27.73	0.001970	13.74	3001.27	620.29	0.67
Oso-2-Ocean	2455	25-EV	26399.00	8.81	21.50	18.51	23.61	0.001983	11.63	2269.76	457.05	0.63
Oso-2-Ocean	2455	10-EV	12644.00	8.81	17.69	15.17	18.83	0.001842	8.58	1474.42	200.58	0.56
Oso-2-Ocean	2455	5-EV	5769.00	8.81	14.94	12.97	15.53	0.001677	6.15	938.79	189.60	0.49
Oso-2-Ocean	2455	2-EV	2330.00	8.81	12.86	11.50	13.14	0.001555	4.21	553.69	181.30	0.42
Oso-2-Ocean	2155	100-EV	45934.00	8.21	24.06	22.18	28.01	0.003008	15.94	2881.62	254.66	0.80
Oso-2-Ocean	2155	50-EV	41237.00	8.21	23.43	21.38	26.96	0.002863	15.07	2736.71	230.05	0.77
Oso-2-Ocean	2155	25-EV	26399.00	8.21	18.57	18.53	22.48	0.005867	15.85	1665.14	210.60	0.99
Oso-2-Ocean	2155	10-EV	12644.00	8.21	15.86	15.23	17.88	0.005073	11.40	1109.43	199.77	0.85
Oso-2-Ocean	2155	5-EV	5769.00	8.21	13.66	12.82	14.72	0.004210	8.28	696.90	174.56	0.73
Oso-2-Ocean	2155	2-EV	2330.00	8.21	11.97	11.18	12.46	0.003354	5.57	418.03	158.26	0.60
Oso-2-Ocean	1855	100-EV	45934.00	7.22	23.95	20.44	27.03	0.001963	14.07	3263.78	325.74	0.67
Oso-2-Ocean	1855	50-EV	41237.00	7.22	23.31	19.62	26.04	0.001843	13.25	3113.21	300.49	0.64
Oso-2-Ocean	1855	25-EV	26399.00	7.22	16.79	16.79	20.73	0.005792	15.93	1657.64	209.97	1.00
Oso-2-Ocean	1855	10-EV	12644.00	7.22	13.52	13.52	16.04	0.007111	12.74	992.37	196.96	1.00
Oso-2-Ocean	1855	5-EV	5769.00	7.22	11.37	11.37	12.91	0.008729	9.96	578.95	188.43	1.00
Oso-2-Ocean	1855	2-EV	2330.00	7.22	9.86	9.86	10.77	0.010552	7.63	305.31	168.78	1.00
Oso-2-Ocean	1502	100-EV	45934.00	6.05	25.02	16.13	26.09	0.000562	8.30	5537.24	383.26	0.35
Oso-2-Ocean	1502	50-EV	41237.00	6.05	24.24	15.51	25.19	0.000527	7.79	5291.02	381.56	0.34
Oso-2-Ocean	1502	25-EV	26399.00	6.05	15.76	13.30	17.35	0.002218	10.12	2609.67	308.44	0.61
Oso-2-Ocean	1502	10-EV	12644.00	6.05	12.61	10.79	13.51	0.002247	7.62	1659.87	295.41	0.57
Oso-2-Ocean	1502	5-EV	5769.00	6.05	10.64	9.06	11.08	0.001910	5.32	1083.98	287.37	0.48
Oso-2-Ocean	1502	2-EV	2330.00	6.05	9.12	7.90	9.31	0.001437	3.51	663.18	262.87	0.39
Oso-2-Ocean	1337	100-EV	45934.00	5.78	25.16	14.83	25.81	0.000336	6.46	7112.70	521.72	0.27
Oso-2-Ocean	1337	50-EV	41237.00	5.78	24.36	14.28	24.94	0.000316	6.07	6791.54	519.10	0.26
Oso-2-Ocean	1337	25-EV	26399.00	5.78	15.78	12.43	16.76	0.001360	7.92	3333.93	396.21	0.48
Oso-2-Ocean	1337	10-EV	12644.00	5.78	12.46	10.34	13.05	0.001586	6.21	2036.38	383.84	0.48
Oso-2-Ocean	1337	5-EV	5769.00	5.78	10.40	8.91	10.73	0.001641	4.60	1255.23	376.69	0.44
Oso-2-Ocean	1337	2-EV	2330.00	5.78	8.87	7.83	9.05	0.001694	3.36	693.21	339.71	0.41
Oso-2-Ocean	1241		Bridge									
Oso-2-Ocean	1193	100-EV	45934.00	5.51	24.79	14.65	25.49	0.000373	6.68	6877.58	736.30	0.28
Oso-2-Ocean	1193	50-EV	41237.00	5.51	24.08	14.12	24.68	0.000345	6.25	6598.44	733.93	0.27
Oso-2-Ocean	1193	25-EV	26399.00	5.51	15.48	12.27	16.50	0.001481	8.09	3261.27	523.51	0.49
Oso-2-Ocean	1193	10-EV	12644.00	5.51	12.18	10.20	12.81	0.001750	6.36	1988.64	418.27	0.49
Oso-2-Ocean	1193	5-EV	5769.00	5.51	10.15	8.79	10.50	0.001855	4.74	1217.68	378.47	0.47
Oso-2-Ocean	1193	2-EV	2330.00	5.51	8.62	7.75	8.82	0.002124	3.57	653.54	344.01	0.46
Oso-2-Ocean	1146	100-EV	45934.00	5.31	24.86	13.38	25.39	0.000265	5.83	7875.58	665.01	0.24
Oso-2-Ocean	1146	50-EV	41237.00	5.31	24.14	12.88	24.60	0.000244	5.45	7567.66	663.96	0.23
Oso-2-Ocean	1146	25-EV	26399.00	5.31	15.59	11.13	16.28	0.000872	6.68	3950.18	445.13	0.39
Oso-2-Ocean	1146	10-EV	12644.00	5.31	12.25	9.17	12.63	0.000861	4.97	2543.04	417.73	0.36
Oso-2-Ocean	1146	5-EV	5769.00	5.31	10.19	7.89	10.37	0.000699	3.42	1687.09	413.61	0.30
Oso-2-Ocean	1146	2-EV	2330.00	5.31	8.64	6.99	8.71	0.000554	2.22	1048.12	410.51	0.25
Oso-2-Ocean	1116	100-EV	45934.00	5.13	24.87	13.18	25.37	0.000247	5.66	8111.76	731.78	0.23
Oso-2-Ocean	1116	50-EV	41237.00	5.13	24.14	12.68	24.58	0.000228	5.29	7792.27	713.96	0.22
Oso-2-Ocean	1116	25-EV	26399.00	5.13	15.58	10.95	16.24	0.000814	6.51	4057.59	437.66	0.37
Oso-2-Ocean	1116	10-EV	12644.00	5.13	12.23	9.01	12.59	0.000786	4.81	2629.29	423.31	0.34
Oso-2-Ocean	1116	5-EV	5769.00	5.13	10.17	7.76	10.34	0.000617	3.27	1761.85	419.19	0.28
Oso-2-Ocean	1116	2-EV	2330.00	5.13	8.62	6.93	8.69	0.000460	2.09	1114.79	416.08	0.23
Oso-2-Ocean	1050		Bridge									
Oso-2-Ocean	1018	100-EV	45934.00	5.12	11.53	14.51	21.78	0.033757	25.68	1788.95	398.58	2.14
Oso-2-Ocean	1018	50-EV	41237.00	5.12	11.13	13.96	21.06	0.036566	25.28	1631.46	396.34	2.20
Oso-2-Ocean	1018	25-EV	26399.00	5.12	11.49	12.17	14.93	0.011467	14.89	1773.35	398.36	1.24
Oso-2-Ocean	1018	10-EV	12644.00	5.12	9.71	10.16	11.87	0.013196	11.78	1073.66	387.72	1.25
Oso-2-Ocean	1018	5-EV	5769.00	5.12	8.46	8.74	9.82	0.014272	9.37	615.81	337.22	1.22
Oso-2-Ocean	1018	2-EV	2330.00	5.12	7.53	7.69	8.34	0.016198	7.22	322.86	291.45	1.21
Oso-2-Ocean	880	100-EV	45934.00	4.85	11.19	13.28	18.24	0.021236	21.31	2155.48	457.12	1.67
Oso-2-Ocean	880	50-EV	41237.00	4.85	10.85	12.79	17.36	0.021233	20.46	2015.72	445.46	1.65
Oso-2-Ocean	880	25-EV	26399.00	4.85	12.71	11.03	14.08	0.003002	9.40	2807.99	489.81	0.65
Oso-2-Ocean	880	10-EV	12644.00	4.85	10.28	9.02	11.07	0.003002	7.12	1776.22	417.20	0.61
Oso-2-Ocean	880	5-EV	5769.00	4.85	8.58	7.65	9.02	0.003005	5.33	1082.42	393.07	0.57
Oso-2-Ocean	880	2-EV	2330.00	4.85	7.34	6.62	7.56	0.003001	3.81	611.70	367.50	0.52

HEC-RAS Plan: NoPA5

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
UpStream-2-Bell	61295	100-EV	20300.00	377.16	389.72		390.06	0.012964	4.70	4323.53	933.24	0.38
UpStream-2-Bell	61295	50-EV	18156.00	377.16	389.28		389.61	0.011769	4.61	3939.32	812.87	0.37
UpStream-2-Bell	61295	25-EV	11896.00	377.16	387.59		387.88	0.012146	4.34	2739.44	632.73	0.37
UpStream-2-Bell	61295	10-EV	6364.00	377.16	384.52		384.84	0.014054	4.52	1406.64	340.57	0.39
UpStream-2-Bell	61295	5-EV	2205.00	377.16	382.16		382.30	0.009316	2.93	751.30	255.90	0.30
UpStream-2-Bell	61295	2-EV	626.00	377.16	380.57		380.62	0.008279	1.76	356.28	240.07	0.25
UpStream-2-Bell	61123	100-EV	20300.00	376.00	388.19		388.42	0.007075	3.80	5337.08	1001.77	0.29
UpStream-2-Bell	61123	50-EV	18156.00	376.00	387.84		388.05	0.006960	3.64	4986.53	987.13	0.29
UpStream-2-Bell	61123	25-EV	11896.00	376.00	386.06		386.25	0.007316	3.47	3428.25	756.69	0.29
UpStream-2-Bell	61123	10-EV	6364.00	376.00	382.46		382.72	0.010734	4.15	1531.70	343.26	0.35
UpStream-2-Bell	61123	5-EV	2205.00	376.00	379.71		379.91	0.022756	3.61	611.60	298.79	0.44
UpStream-2-Bell	61123	2-EV	626.00	376.00	378.26		378.37	0.023512	2.61	240.03	195.52	0.41
UpStream-2-Bell	60921	100-EV	20300.00	374.00	386.80		387.00	0.006869	3.62	5603.43	1106.66	0.28
UpStream-2-Bell	60921	50-EV	18156.00	374.00	386.46		386.65	0.006785	3.47	5236.79	1094.52	0.28
UpStream-2-Bell	60921	25-EV	11896.00	374.00	384.85		385.00	0.005202	3.19	3725.20	720.50	0.25
UpStream-2-Bell	60921	10-EV	6364.00	374.00	381.46		381.59	0.003263	2.88	2212.85	351.89	0.20
UpStream-2-Bell	60921	5-EV	2205.00	374.00	377.97		378.04	0.004823	2.16	1018.97	334.05	0.22
UpStream-2-Bell	60921	2-EV	626.00	374.00	376.25		376.28	0.005672	1.39	451.40	326.45	0.21
UpStream-2-Bell	60750	100-EV	20300.00	372.00	385.35		385.59	0.009915	3.93	5165.33	1189.28	0.33
UpStream-2-Bell	60750	50-EV	18156.00	372.00	385.02		385.24	0.010089	3.81	4768.88	1166.69	0.33
UpStream-2-Bell	60750	25-EV	11896.00	372.00	383.58		383.78	0.010188	3.61	3298.56	880.86	0.33
UpStream-2-Bell	60750	10-EV	6364.00	372.00	380.25		380.61	0.011360	4.80	1325.63	248.25	0.37
UpStream-2-Bell	60750	5-EV	2205.00	372.00	376.56		376.77	0.012604	3.66	601.91	183.29	0.36
UpStream-2-Bell	60750	2-EV	626.00	372.00	374.58		374.68	0.018087	2.53	247.85	173.53	0.37
UpStream-2-Bell	60599	100-EV	20300.00	370.00	383.98		384.17	0.008841	3.43	5923.46	1538.86	0.31
UpStream-2-Bell	60599	50-EV	18156.00	370.00	383.63		383.81	0.008797	3.36	5401.68	1439.32	0.31
UpStream-2-Bell	60599	25-EV	11896.00	370.00	382.05		382.23	0.010253	3.45	3452.72	993.57	0.33
UpStream-2-Bell	60599	10-EV	6364.00	370.00	378.29		378.67	0.014649	5.00	1272.62	272.53	0.41
UpStream-2-Bell	60599	5-EV	2205.00	370.00	374.89		375.08	0.010041	3.51	627.65	172.23	0.32
UpStream-2-Bell	60599	2-EV	626.00	370.00	372.77		372.84	0.008717	2.18	287.26	145.41	0.27
UpStream-2-Bell	60374	100-EV	20300.00	368.00	381.79		382.01	0.010343	3.83	5304.48	1311.96	0.34
UpStream-2-Bell	60374	50-EV	18156.00	368.00	381.42	375.49	381.64	0.010544	3.76	4830.85	1245.34	0.34
UpStream-2-Bell	60374	25-EV	11896.00	368.00	379.56		379.82	0.011134	4.08	2918.05	691.89	0.35
UpStream-2-Bell	60374	10-EV	6364.00	368.00	375.99		376.29	0.007862	4.39	1451.30	236.34	0.31
UpStream-2-Bell	60374	5-EV	2205.00	368.00	373.18		373.30	0.006229	2.74	804.57	223.80	0.25
UpStream-2-Bell	60374	2-EV	626.00	368.00	371.27		371.31	0.005375	1.62	387.12	213.39	0.21
UpStream-2-Bell	60149	100-EV	20300.00	366.00	374.37	373.91	377.03	0.064240	13.10	1549.05	236.18	0.90
UpStream-2-Bell	60149	50-EV	18156.00	366.00	373.55	373.43	376.33	0.077104	13.36	1359.23	231.15	0.97
UpStream-2-Bell	60149	25-EV	11896.00	366.00	371.93	371.93	374.16	0.088845	11.99	992.46	221.27	1.00
UpStream-2-Bell	60149	10-EV	6364.00	366.00	370.32	370.32	371.84	0.101207	9.89	643.17	211.28	1.00
UpStream-2-Bell	60149	5-EV	2205.00	366.00	368.71	368.71	369.48	0.125551	7.06	312.30	200.51	1.00
UpStream-2-Bell	60149	2-EV	626.00	366.00	367.77	367.63	368.10	0.101972	4.59	136.43	143.15	0.83
UpStream-2-Bell	59999	100-EV	20300.00	357.84	372.80	366.31	373.64	0.008933	7.32	2773.96	227.25	0.37
UpStream-2-Bell	59999	50-EV	18156.00	357.84	372.04	365.79	372.79	0.008685	6.98	2601.14	224.31	0.36
UpStream-2-Bell	59999	25-EV	11896.00	357.84	369.50	364.18	370.02	0.007855	5.83	2042.09	215.36	0.33
UpStream-2-Bell	59999	10-EV	6364.00	357.84	366.40	362.38	366.72	0.007393	4.57	1393.48	203.61	0.31
UpStream-2-Bell	59999	5-EV	2205.00	357.84	362.45	360.54	362.64	0.011151	3.54	622.97	182.97	0.34
UpStream-2-Bell	59999	2-EV	626.00	357.84	359.96	359.41	360.11	0.032278	3.16	198.17	153.59	0.49
UpStream-2-Bell	59699	100-EV	20300.00	352.12	369.14	364.54	370.18	0.015154	8.20	2477.08	256.77	0.47
UpStream-2-Bell	59699	50-EV	18156.00	352.12	368.40	363.97	369.38	0.015354	7.93	2289.44	251.92	0.46
UpStream-2-Bell	59699	25-EV	11896.00	352.12	366.02	361.65	366.77	0.015687	6.97	1707.85	232.48	0.45
UpStream-2-Bell	59699	10-EV	6364.00	352.12	363.25	359.12	363.75	0.013856	5.64	1127.39	191.93	0.41
UpStream-2-Bell	59699	5-EV	2205.00	352.12	359.72	356.18	359.93	0.007490	3.68	598.94	122.18	0.29
UpStream-2-Bell	59699	2-EV	626.00	352.12	356.54	354.26	356.63	0.005879	2.37	263.67	86.99	0.24
UpStream-2-Bell	59550	100-EV	20300.00	350.00	367.06		368.02	0.013581	7.86	2581.77	261.10	0.44
UpStream-2-Bell	59550	50-EV	18156.00	350.00	366.34		367.23	0.013172	7.57	2398.47	250.91	0.43
UpStream-2-Bell	59550	25-EV	11896.00	350.00	364.02		364.67	0.012329	6.47	1839.42	232.33	0.41
UpStream-2-Bell	59550	10-EV	6364.00	350.00	361.44		361.84	0.011510	5.06	1257.40	218.64	0.37
UpStream-2-Bell	59550	5-EV	2205.00	350.00	358.53		358.70	0.008886	3.32	664.32	179.93	0.30
UpStream-2-Bell	59550	2-EV	626.00	350.00	355.82		355.89	0.004203	2.12	295.18	89.32	0.21
UpStream-2-Bell	59325	100-EV	20300.00	350.00	364.50		365.27	0.010656	7.02	2889.95	290.13	0.39
UpStream-2-Bell	59325	50-EV	18156.00	350.00	363.82		364.53	0.010619	6.74	2693.83	287.27	0.39
UpStream-2-Bell	59325	25-EV	11896.00	350.00	361.56		362.08	0.010481	5.78	2058.25	274.42	0.37
UpStream-2-Bell	59325	10-EV	6364.00	350.00	359.00		359.33	0.010652	4.63	1373.84	259.21	0.35
UpStream-2-Bell	59325	5-EV	2205.00	350.00	356.21		356.37	0.012226	3.26	675.85	240.00	0.34
UpStream-2-Bell	59325	2-EV	626.00	350.00	354.11		354.21	0.016734	2.65	236.67	145.72	0.37
UpStream-2-Bell	59024	100-EV	20300.00	346.05	360.72	356.30	361.65	0.013561	7.75	2620.51	272.31	0.44
UpStream-2-Bell	59024	50-EV	18156.00	346.05	360.11	355.84	360.96	0.013210	7.39	2457.53	269.02	0.43
UpStream-2-Bell	59024	25-EV	11896.00	346.05	358.16	354.42	358.74	0.011752	6.13	1941.61	258.31	0.39
UpStream-2-Bell	59024	10-EV	6364.00	346.05	355.87	352.82	356.21	0.010102	4.66	1366.16	245.39	0.35

HEC-RAS Plan: NoPA5 (Continued)

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
UpStream-2-Bell	59024	5-EV	2205.00	346.05	353.25	350.65	353.39	0.008220	2.97	742.68	225.37	0.29
UpStream-2-Bell	59024	2-EV	626.00	346.05	350.77	348.49	350.84	0.007999	2.20	284.49	132.71	0.26
UpStream-2-Bell	58874	100-EV	20300.00	346.00	357.66	354.94	358.98	0.023549	9.19	2209.68	269.31	0.57
UpStream-2-Bell	58874	50-EV	18156.00	346.00	357.19	354.53	358.37	0.022761	8.72	2082.09	267.73	0.55
UpStream-2-Bell	58874	25-EV	11896.00	346.00	355.81	353.15	356.56	0.018129	6.93	1715.96	263.14	0.48
UpStream-2-Bell	58874	10-EV	6364.00	346.00	354.00	351.89	354.41	0.014412	5.11	1246.26	255.28	0.41
UpStream-2-Bell	58874	5-EV	2205.00	346.00	351.82		351.97	0.010894	3.14	702.58	242.83	0.33
UpStream-2-Bell	58874	2-EV	626.00	346.00	348.98		349.15	0.016870	3.29	190.12	84.77	0.39
Bell-2-Gober	58274	100-EV	20204.00	340.00	348.00	346.75	348.88	0.012323	7.53	2682.08	764.53	0.62
Bell-2-Gober	58274	50-EV	17745.00	340.00	347.67	346.47	348.46	0.012215	7.14	2485.77	751.63	0.61
Bell-2-Gober	58274	25-EV	14843.00	340.00	347.24	346.13	347.92	0.012138	6.64	2234.97	736.38	0.60
Bell-2-Gober	58274	10-EV	7201.00	340.00	345.82	345.07	346.23	0.012993	5.11	1410.51	681.67	0.58
Bell-2-Gober	58274	5-EV	2413.00	340.00	344.46	343.29	344.68	0.013470	3.75	644.03	519.70	0.56
Bell-2-Gober	58274	2-EV	529.00	340.00	342.68	341.61	342.77	0.006829	2.45	215.78	188.17	0.38
Bell-2-Gober	58124	100-EV	20303.00	339.45	346.81	344.93	347.36	0.007517	5.91	3434.86	940.83	0.48
Bell-2-Gober	58124	50-EV	17801.00	339.45	346.46	344.65	346.95	0.007497	5.61	3174.40	929.36	0.48
Bell-2-Gober	58124	25-EV	14811.00	339.45	346.01	344.30	346.43	0.007460	5.21	2844.16	878.56	0.47
Bell-2-Gober	58124	10-EV	7184.00	339.45	344.56	343.28	344.80	0.006759	3.95	1820.41	667.72	0.42
Bell-2-Gober	58124	5-EV	2401.00	339.45	343.09	342.28	343.20	0.007213	2.73	879.33	606.53	0.40
Bell-2-Gober	58124	2-EV	528.00	339.45	341.49	340.86	341.59	0.009055	2.53	208.42	189.61	0.43
Bell-2-Gober	57899	100-EV	20303.00	338.00	344.93	343.18	345.46	0.009453	5.87	3456.03	905.80	0.49
Bell-2-Gober	57899	50-EV	17801.00	338.00	344.58	342.94	345.06	0.009475	5.58	3189.11	896.11	0.48
Bell-2-Gober	57899	25-EV	14811.00	338.00	344.14	342.63	344.56	0.009404	5.18	2859.77	881.42	0.47
Bell-2-Gober	57899	10-EV	7184.00	338.00	342.84	341.52	343.07	0.008920	3.83	1877.28	762.13	0.43
Bell-2-Gober	57899	5-EV	2401.00	338.00	341.25	340.14	341.39	0.008972	2.94	816.69	518.54	0.41
Bell-2-Gober	57899	2-EV	528.00	338.00	339.56	338.95	339.64	0.008289	2.32	227.10	212.15	0.40
Bell-2-Gober	57674	100-EV	20303.00	336.00	342.19	340.68	342.78	0.015437	6.15	3300.90	848.69	0.54
Bell-2-Gober	57674	50-EV	17801.00	336.00	341.82	340.43	342.37	0.015517	5.93	3002.77	785.10	0.53
Bell-2-Gober	57674	25-EV	14811.00	336.00	341.36	340.11	341.85	0.015920	5.60	2642.54	768.82	0.53
Bell-2-Gober	57674	10-EV	7184.00	336.00	339.97	338.99	340.28	0.018379	4.48	1602.20	723.37	0.53
Bell-2-Gober	57674	5-EV	2401.00	336.00	338.63	337.90	338.79	0.015476	3.12	769.80	554.04	0.47
Bell-2-Gober	57674	2-EV	528.00	336.00	337.46	336.90	337.53	0.010761	2.12	248.61	286.82	0.40
Bell-2-Gober	57525	100-EV	20303.00	333.04	340.73	338.44	341.14	0.007752	5.12	3966.15	827.46	0.41
Bell-2-Gober	57525	50-EV	17801.00	333.04	340.35	338.20	340.72	0.007750	4.87	3654.40	820.88	0.41
Bell-2-Gober	57525	25-EV	14811.00	333.04	339.87	337.88	340.19	0.007753	4.55	3255.79	809.30	0.40
Bell-2-Gober	57525	10-EV	7184.00	333.04	338.34	336.97	338.53	0.007825	3.49	2058.53	755.90	0.37
Bell-2-Gober	57525	5-EV	2401.00	333.04	336.86	336.18	336.95	0.009892	2.48	969.54	714.73	0.37
Bell-2-Gober	57525	2-EV	528.00	333.04	335.88	334.99	335.92	0.010671	1.63	332.29	453.17	0.34
Bell-2-Gober	57224	100-EV	20303.00	329.99	338.38		338.79	0.007920	5.12	3964.90	804.66	0.41
Bell-2-Gober	57224	50-EV	17801.00	329.99	338.01		338.38	0.007866	4.86	3666.12	801.48	0.40
Bell-2-Gober	57224	25-EV	14811.00	329.99	337.54		337.86	0.007741	4.50	3292.68	797.48	0.39
Bell-2-Gober	57224	10-EV	7184.00	329.99	336.12		336.29	0.007096	3.31	2172.49	778.79	0.35
Bell-2-Gober	57224	5-EV	2401.00	329.99	334.39		334.47	0.006981	2.33	1029.63	599.53	0.31
Bell-2-Gober	57224	2-EV	528.00	329.99	332.34		332.43	0.012648	2.40	219.58	216.66	0.42
Bell-2-Gober	57074	100-EV	20303.00	328.00	337.17		337.59	0.007980	5.22	3886.55	836.65	0.43
Bell-2-Gober	57074	50-EV	17801.00	328.00	336.78		337.17	0.008166	5.00	3562.81	834.75	0.43
Bell-2-Gober	57074	25-EV	14811.00	328.00	336.31		336.65	0.008311	4.67	3169.57	832.43	0.42
Bell-2-Gober	57074	10-EV	7184.00	328.00	334.93		335.13	0.008489	3.54	2028.48	820.97	0.40
Bell-2-Gober	57074	5-EV	2401.00	328.00	333.32		333.42	0.006974	2.56	938.27	528.06	0.34
Bell-2-Gober	57074	2-EV	528.00	328.00	330.66		330.82	0.009084	3.18	166.22	106.15	0.45
Bell-2-Gober	56849	100-EV	20303.00	326.00	335.37		335.77	0.008194	5.04	4024.44	800.57	0.40
Bell-2-Gober	56849	50-EV	17801.00	326.00	334.89		335.26	0.008761	4.89	3641.52	798.85	0.40
Bell-2-Gober	56849	25-EV	14811.00	326.00	334.35		334.68	0.009204	4.61	3209.50	796.87	0.41
Bell-2-Gober	56849	10-EV	7184.00	326.00	332.84		333.04	0.010261	3.58	2005.71	791.06	0.40
Bell-2-Gober	56849	5-EV	2401.00	326.00	331.03		331.18	0.015365	3.14	765.77	518.06	0.45
Bell-2-Gober	56849	2-EV	528.00	326.00	329.16		329.25	0.005429	2.40	219.85	145.32	0.34
Bell-2-Gober	56624	100-EV	20303.00	324.95	333.85		334.21	0.005872	4.81	4224.66	735.90	0.35
Bell-2-Gober	56624	50-EV	17801.00	324.95	333.20		333.55	0.006683	4.75	3747.87	732.47	0.37
Bell-2-Gober	56624	25-EV	14811.00	324.95	332.48		332.81	0.007562	4.59	3224.34	726.87	0.38
Bell-2-Gober	56624	10-EV	7184.00	324.95	330.80		331.00	0.008022	3.55	2023.38	700.47	0.37
Bell-2-Gober	56624	5-EV	2401.00	324.95	328.87		328.99	0.006681	2.67	898.36	459.96	0.34
Bell-2-Gober	56624	2-EV	528.00	324.95	326.84		326.99	0.024482	3.13	168.55	225.11	0.64
Bell-2-Gober	56474	100-EV	20303.00	322.63	333.00		333.34	0.005585	4.68	4339.18	686.34	0.33
Bell-2-Gober	56474	50-EV	17801.00	322.63	332.20		332.54	0.006710	4.70	3787.97	683.24	0.35
Bell-2-Gober	56474	25-EV	14811.00	322.63	331.26		331.61	0.008512	4.70	3149.76	679.00	0.38
Bell-2-Gober	56474	10-EV	7184.00	322.63	329.19		329.45	0.013738	4.10	1753.94	667.88	0.45
Bell-2-Gober	56474	5-EV	2401.00	322.63	327.41		327.59	0.013771	3.41	704.23	376.63	0.44
Bell-2-Gober	56474	2-EV	528.00	322.63	325.24		325.32	0.006272	2.27	232.60	158.48	0.33
Bell-2-Gober	56323	100-EV	20303.00	322.00	332.47		332.73	0.002917	4.09	4969.13	647.79	0.26

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	56323	50-EV	17801.00	322.00	331.56		331.82	0.003358	4.06	4386.48	643.06	0.27
Bell-2-Gober	56323	25-EV	14811.00	322.00	330.46		330.72	0.004100	4.02	3682.40	636.98	0.29
Bell-2-Gober	56323	10-EV	7184.00	322.00	327.74		327.94	0.007476	3.65	1966.22	620.39	0.36
Bell-2-Gober	56323	5-EV	2401.00	322.00	325.85		325.98	0.008387	2.81	853.43	451.25	0.36
Bell-2-Gober	56323	2-EV	528.00	322.00	323.63		323.81	0.017969	3.40	155.22	149.37	0.59
Bell-2-Gober	56175	100-EV	20303.00	320.00	332.18		332.36	0.001857	3.43	5919.17	702.55	0.21
Bell-2-Gober	56175	50-EV	17801.00	320.00	331.23		331.41	0.002099	3.39	5254.61	696.72	0.22
Bell-2-Gober	56175	25-EV	14811.00	320.00	330.05		330.22	0.002518	3.34	4435.89	689.48	0.23
Bell-2-Gober	56175	10-EV	7184.00	320.00	326.84		326.99	0.005345	3.18	2259.83	665.25	0.30
Bell-2-Gober	56175	5-EV	2401.00	320.00	324.79		324.87	0.006456	2.35	1022.82	543.12	0.30
Bell-2-Gober	56175	2-EV	528.00	320.00	322.34		322.41	0.005533	2.08	253.59	193.69	0.32
Bell-2-Gober	56024	100-EV	20303.00	319.91	331.95		332.10	0.001494	3.13	6476.40	735.03	0.19
Bell-2-Gober	56024	50-EV	17801.00	319.91	330.97		331.12	0.001684	3.09	5757.11	729.90	0.19
Bell-2-Gober	56024	25-EV	14811.00	319.91	329.73		329.87	0.002028	3.05	4856.82	723.28	0.21
Bell-2-Gober	56024	10-EV	7184.00	319.91	325.91		326.09	0.006765	3.35	2146.65	685.69	0.33
Bell-2-Gober	56024	5-EV	2401.00	319.91	323.77		323.91	0.006355	2.95	813.74	339.72	0.34
Bell-2-Gober	56024	2-EV	528.00	319.91	321.48		321.56	0.005853	2.23	236.70	182.41	0.35
Bell-2-Gober	55874	100-EV	20303.00	318.00	331.77		331.90	0.001144	2.90	7007.16	705.90	0.16
Bell-2-Gober	55874	50-EV	17801.00	318.00	330.77		330.89	0.001236	2.82	6303.98	700.07	0.17
Bell-2-Gober	55874	25-EV	14811.00	318.00	329.50		329.61	0.001395	2.73	5418.47	692.67	0.17
Bell-2-Gober	55874	10-EV	7184.00	318.00	325.15		325.28	0.004250	2.91	2465.50	662.22	0.27
Bell-2-Gober	55874	5-EV	2401.00	318.00	322.74		322.83	0.007903	2.46	976.73	550.17	0.33
Bell-2-Gober	55874	2-EV	528.00	318.00	320.74		320.79	0.004382	1.78	296.65	197.81	0.26
Bell-2-Gober	55724	100-EV	20303.00	316.48	331.58		331.72	0.001210	3.07	6616.99	617.57	0.17
Bell-2-Gober	55724	50-EV	17801.00	316.48	330.57		330.70	0.001280	2.97	5995.98	612.92	0.17
Bell-2-Gober	55724	25-EV	14811.00	316.48	329.28		329.40	0.001397	2.84	5210.12	606.97	0.17
Bell-2-Gober	55724	10-EV	7184.00	316.48	324.56		324.70	0.003582	2.95	2437.64	543.72	0.25
Bell-2-Gober	55724	5-EV	2401.00	316.48	321.76		321.85	0.005564	2.34	1026.30	454.33	0.27
Bell-2-Gober	55724	2-EV	528.00	316.48	319.98		320.02	0.006044	1.68	314.12	254.97	0.27
Bell-2-Gober	55574	100-EV	20303.00	316.00	331.31		331.50	0.001722	3.55	5718.75	533.56	0.19
Bell-2-Gober	55574	50-EV	17801.00	316.00	330.29		330.48	0.001743	3.43	5184.77	518.10	0.19
Bell-2-Gober	55574	25-EV	14811.00	316.00	329.01		329.17	0.001638	3.25	4551.89	481.86	0.19
Bell-2-Gober	55574	10-EV	7184.00	316.00	324.03		324.18	0.003273	3.15	2281.57	438.54	0.24
Bell-2-Gober	55574	5-EV	2401.00	316.00	320.74		320.85	0.008118	2.74	876.73	413.36	0.33
Bell-2-Gober	55574	2-EV	528.00	316.00	318.62		318.71	0.013699	2.48	212.52	189.93	0.41
Bell-2-Gober	55424	100-EV	20303.00	314.00	331.08		331.28	0.001335	3.55	5718.94	469.11	0.18
Bell-2-Gober	55424	50-EV	17801.00	314.00	330.07		330.25	0.001331	3.39	5248.12	461.91	0.18
Bell-2-Gober	55424	25-EV	14811.00	314.00	328.79		328.95	0.001322	3.17	4665.44	452.44	0.17
Bell-2-Gober	55424	10-EV	7184.00	314.00	323.62		323.75	0.002433	2.97	2420.31	414.97	0.22
Bell-2-Gober	55424	5-EV	2401.00	314.00	319.75		319.85	0.005510	2.65	905.31	346.94	0.29
Bell-2-Gober	55424	2-EV	528.00	314.00	317.23		317.32	0.006639	2.51	209.96	123.04	0.34
Bell-2-Gober	55274	100-EV	20303.00	313.78	330.92		331.09	0.001078	3.22	6302.88	490.67	0.16
Bell-2-Gober	55274	50-EV	17801.00	313.78	329.91		330.06	0.001058	3.06	5810.92	482.91	0.16
Bell-2-Gober	55274	25-EV	14811.00	313.78	328.64		328.77	0.001019	2.85	5203.24	472.55	0.15
Bell-2-Gober	55274	10-EV	7184.00	313.78	323.35		323.45	0.001572	2.54	2827.61	426.98	0.17
Bell-2-Gober	55274	5-EV	2401.00	313.78	319.09		319.16	0.003819	2.23	1078.54	389.79	0.24
Bell-2-Gober	55274	2-EV	528.00	313.78	316.33		316.39	0.005773	2.07	254.97	156.50	0.29
Bell-2-Gober	55124	100-EV	20303.00	312.00	330.76		330.92	0.001067	3.20	6349.27	488.10	0.16
Bell-2-Gober	55124	50-EV	17801.00	312.00	329.76		329.90	0.001020	3.03	5865.92	473.94	0.15
Bell-2-Gober	55124	25-EV	14811.00	312.00	328.50		328.62	0.000960	2.81	5275.61	460.03	0.15
Bell-2-Gober	55124	10-EV	7184.00	312.00	323.13		323.23	0.001439	2.47	2913.77	421.95	0.17
Bell-2-Gober	55124	5-EV	2401.00	312.00	318.41		318.50	0.005128	2.41	996.48	389.02	0.27
Bell-2-Gober	55124	2-EV	528.00	312.00	315.34		315.48	0.006352	2.97	177.60	73.86	0.34
Bell-2-Gober	54974	100-EV	20303.00	311.44	330.60		330.76	0.001087	3.22	6298.68	504.71	0.16
Bell-2-Gober	54974	50-EV	17801.00	311.44	329.60		329.75	0.001042	3.07	5802.58	489.63	0.16
Bell-2-Gober	54974	25-EV	14811.00	311.44	328.35		328.47	0.000991	2.85	5196.59	475.86	0.15
Bell-2-Gober	54974	10-EV	7184.00	311.44	322.88		322.99	0.001741	2.65	2711.28	429.07	0.19
Bell-2-Gober	54974	5-EV	2401.00	311.44	317.20		317.41	0.010957	3.62	663.47	271.38	0.41
Bell-2-Gober	54974	2-EV	528.00	311.44	313.76		314.04	0.015938	4.22	125.00	68.81	0.55
Bell-2-Gober	54824	100-EV	20303.00	310.00	330.48		330.62	0.000795	3.02	6713.30	473.98	0.14
Bell-2-Gober	54824	50-EV	17801.00	310.00	329.48		329.61	0.000763	2.85	6245.51	468.59	0.14
Bell-2-Gober	54824	25-EV	14811.00	310.00	328.24		328.34	0.000703	2.61	5666.83	458.67	0.13
Bell-2-Gober	54824	10-EV	7184.00	310.00	322.73		322.80	0.000841	2.19	3283.23	407.90	0.14
Bell-2-Gober	54824	5-EV	2401.00	310.00	316.11		316.24	0.005608	2.91	825.25	292.51	0.31
Bell-2-Gober	54824	2-EV	528.00	310.00	312.36		312.48	0.006905	2.70	195.37	118.86	0.37
Bell-2-Gober	54674	100-EV	20303.00	308.00	330.34		330.48	0.000997	3.04	6688.13	519.63	0.15
Bell-2-Gober	54674	50-EV	17801.00	308.00	329.35		329.48	0.000972	2.88	6178.65	509.68	0.15
Bell-2-Gober	54674	25-EV	14811.00	308.00	328.11		328.22	0.000938	2.67	5550.54	501.63	0.14
Bell-2-Gober	54674	10-EV	7184.00	308.00	322.59		322.67	0.000915	2.28	3153.53	372.69	0.14
Bell-2-Gober	54674	5-EV	2401.00	308.00	315.41		315.53	0.004043	2.77	867.63	257.00	0.27

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	54674	2-EV	528.00	308.00	310.61		310.93	0.016713	4.52	116.86	62.45	0.58
Bell-2-Gober	54524	100-EV	20303.00	306.04	330.13		330.31	0.001385	3.37	6024.18	525.99	0.18
Bell-2-Gober	54524	50-EV	17801.00	306.04	329.14		329.30	0.001396	3.23	5510.20	514.90	0.17
Bell-2-Gober	54524	25-EV	14811.00	306.04	327.92		328.07	0.001094	3.03	4893.05	426.89	0.16
Bell-2-Gober	54524	10-EV	7184.00	306.04	322.45		322.54	0.000799	2.43	2960.57	314.00	0.14
Bell-2-Gober	54524	5-EV	2401.00	306.04	315.01		315.10	0.002028	2.40	1001.75	231.91	0.20
Bell-2-Gober	54524	2-EV	528.00	306.04	310.03		310.10	0.002366	2.09	252.55	105.00	0.24
Bell-2-Gober	54374	100-EV	20303.00	306.00	329.96		330.11	0.001121	3.19	6361.50	519.96	0.16
Bell-2-Gober	54374	50-EV	17801.00	306.00	328.97		329.11	0.001122	3.04	5850.73	513.11	0.16
Bell-2-Gober	54374	25-EV	14811.00	306.00	327.77		327.90	0.001097	2.83	5241.81	505.34	0.15
Bell-2-Gober	54374	10-EV	7184.00	306.00	322.27		322.37	0.001575	2.66	2703.71	401.31	0.18
Bell-2-Gober	54374	5-EV	2401.00	306.00	314.79		314.88	0.001148	2.35	1022.33	169.29	0.17
Bell-2-Gober	54374	2-EV	528.00	306.00	309.77		309.83	0.001446	1.89	279.12	90.26	0.19
Bell-2-Gober	54223	100-EV	20303.00	304.00	329.67	318.48	329.88	0.002149	3.70	5487.92	546.89	0.20
Bell-2-Gober	54223	50-EV	17801.00	304.00	328.68	317.48	328.88	0.002160	3.58	4971.45	508.38	0.20
Bell-2-Gober	54223	25-EV	14811.00	304.00	327.49	316.30	327.67	0.002140	3.38	4385.49	482.59	0.20
Bell-2-Gober	54223	10-EV	7184.00	304.00	321.75	312.69	321.97	0.005106	3.73	1928.44	346.95	0.28
Bell-2-Gober	54223	5-EV	2401.00	304.00	314.48	309.40	314.65	0.001838	3.35	717.03	103.90	0.22
Bell-2-Gober	54223	2-EV	528.00	304.00	309.50	306.45	309.57	0.001979	2.09	252.54	82.02	0.21
Bell-2-Gober	54074	100-EV	20303.00	304.00	329.17	323.73	329.52	0.002559	4.72	4298.52	505.55	0.28
Bell-2-Gober	54074	50-EV	17801.00	304.00	328.16	323.32	328.50	0.002743	4.68	3802.50	492.23	0.30
Bell-2-Gober	54074	25-EV	14811.00	304.00	326.95	322.80	327.28	0.002938	4.60	3216.57	478.38	0.31
Bell-2-Gober	54074	10-EV	7184.00	304.00	318.58	316.30	320.65	0.012501	11.54	622.60	71.93	0.69
Bell-2-Gober	54074	5-EV	2401.00	304.00	312.53	311.25	313.90	0.017337	9.41	255.11	48.08	0.72
Bell-2-Gober	54074	2-EV	528.00	304.00	308.34	307.42	308.88	0.015300	5.92	89.12	31.27	0.62
Bell-2-Gober	53849	100-EV	20303.00	302.00	328.40	322.82	328.81	0.003912	5.15	3943.45	486.01	0.31
Bell-2-Gober	53849	50-EV	17801.00	302.00	327.29	318.91	327.71	0.004636	5.16	3449.80	476.59	0.33
Bell-2-Gober	53849	25-EV	14811.00	302.00	325.94	317.35	326.36	0.005967	5.19	2851.22	466.06	0.36
Bell-2-Gober	53849	10-EV	7184.00	302.00	317.03	312.46	318.36	0.007072	9.26	776.10	74.12	0.50
Bell-2-Gober	53849	5-EV	2401.00	302.00	310.31	307.84	311.10	0.008426	7.13	336.73	56.74	0.52
Bell-2-Gober	53849	2-EV	528.00	302.00	305.62	304.52	305.99	0.010664	4.89	108.03	39.48	0.52
Bell-2-Gober	53698	100-EV	20303.00	300.00	327.59	319.47	328.13	0.004606	5.88	3452.90	496.89	0.35
Bell-2-Gober	53698	50-EV	17801.00	300.00	326.31	318.12	326.88	0.005849	6.05	2942.58	480.57	0.39
Bell-2-Gober	53698	25-EV	14811.00	300.00	324.51	316.50	325.18	0.009137	6.56	2257.24	450.79	0.47
Bell-2-Gober	53698	10-EV	7184.00	300.00	315.74	311.14	317.16	0.008509	9.57	750.66	74.00	0.53
Bell-2-Gober	53698	5-EV	2401.00	300.00	309.10	306.26	309.88	0.007719	7.06	340.01	52.65	0.49
Bell-2-Gober	53698	2-EV	528.00	300.00	304.33	302.82	304.63	0.007285	4.39	120.35	38.42	0.44
Bell-2-Gober	53549	100-EV	20303.00	297.06	319.19	319.19	325.03	0.037990	19.38	1047.70	89.80	1.00
Bell-2-Gober	53549	50-EV	17801.00	297.06	317.50	317.50	323.46	0.038134	19.58	909.09	76.05	1.00
Bell-2-Gober	53549	25-EV	14811.00	297.06	315.94	315.77	321.34	0.036595	18.64	794.70	70.91	0.98
Bell-2-Gober	53549	10-EV	7184.00	297.06	311.10	310.28	314.46	0.028489	14.70	488.67	56.35	0.88
Bell-2-Gober	53549	5-EV	2401.00	297.06	305.11	304.91	307.37	0.031542	12.06	199.02	39.82	0.95
Bell-2-Gober	53549	2-EV	528.00	297.06	301.07	301.07	302.20	0.043100	8.52	62.00	27.70	1.00
Bell-2-Gober	53399	100-EV	20303.00	296.00	316.26	313.14	320.04	0.016195	15.59	1301.96	96.60	0.75
Bell-2-Gober	53399	50-EV	17801.00	296.00	315.48	311.78	318.74	0.014167	14.50	1227.51	93.18	0.70
Bell-2-Gober	53399	25-EV	14811.00	296.00	314.46	310.14	317.11	0.011607	13.05	1135.27	88.77	0.64
Bell-2-Gober	53399	10-EV	7184.00	296.00	310.47	305.29	311.68	0.006039	8.81	815.09	72.98	0.46
Bell-2-Gober	53399	5-EV	2401.00	296.00	304.51	300.96	305.03	0.004670	5.77	416.32	60.89	0.39
Bell-2-Gober	53399	2-EV	528.00	296.00	299.66	298.14	299.87	0.005592	3.65	144.64	50.94	0.38
Bell-2-Gober	53249	100-EV	20303.00	294.00	313.46	312.76	316.74	0.026174	14.52	1398.60	169.61	0.89
Bell-2-Gober	53249	50-EV	17801.00	294.00	312.88	312.04	315.79	0.024998	13.68	1301.21	166.91	0.86
Bell-2-Gober	53249	25-EV	14811.00	294.00	312.25	311.11	314.63	0.022030	12.37	1197.26	162.78	0.80
Bell-2-Gober	53249	10-EV	7184.00	294.00	307.67		309.99	0.014881	12.22	587.77	64.44	0.71
Bell-2-Gober	53249	5-EV	2401.00	294.00	303.18	300.43	304.01	0.008391	7.33	327.45	51.43	0.51
Bell-2-Gober	53249	2-EV	528.00	294.00	298.78	296.80	299.03	0.005382	4.03	131.06	37.38	0.38
Bell-2-Gober	53099	100-EV	20303.00	294.00	308.90	308.90	311.89	0.038275	13.87	1464.32	244.85	1.00
Bell-2-Gober	53099	50-EV	17801.00	294.00	308.28	308.28	311.13	0.039168	13.53	1316.14	232.85	1.00
Bell-2-Gober	53099	25-EV	14811.00	294.00	307.43	307.43	310.12	0.041272	13.16	1125.20	216.26	1.02
Bell-2-Gober	53099	10-EV	7184.00	294.00	304.15	304.15	306.53	0.039834	12.39	579.82	122.20	1.00
Bell-2-Gober	53099	5-EV	2401.00	294.00	299.22	299.22	301.35	0.035420	11.71	205.11	48.76	1.01
Bell-2-Gober	53099	2-EV	528.00	294.00	296.16	296.16	297.05	0.045486	7.58	69.69	39.68	1.01
Bell-2-Gober	52949	100-EV	20303.00	286.00	298.12		299.42	0.013657	9.13	2223.42	248.68	0.54
Bell-2-Gober	52949	50-EV	17801.00	286.00	297.53		298.67	0.012838	8.57	2077.12	244.04	0.52
Bell-2-Gober	52949	25-EV	14811.00	286.00	296.76		297.71	0.011732	7.83	1891.56	238.02	0.49
Bell-2-Gober	52949	10-EV	7184.00	286.00	294.26		294.72	0.008095	5.44	1321.70	218.21	0.39
Bell-2-Gober	52949	5-EV	2401.00	286.00	291.53		291.68	0.003991	3.09	777.36	165.00	0.25
Bell-2-Gober	52949	2-EV	528.00	286.00	289.12		289.15	0.001540	1.33	398.40	147.87	0.14
Bell-2-Gober	52799	100-EV	20303.00	286.00	297.17		297.72	0.006194	5.95	3409.75	399.84	0.36
Bell-2-Gober	52799	50-EV	17801.00	286.00	296.60		297.09	0.005880	5.59	3185.01	394.29	0.35

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	52799	25-EV	14811.00	286.00	295.88		296.29	0.005424	5.10	2902.97	386.90	0.33
Bell-2-Gober	52799	10-EV	7184.00	286.00	293.60		293.79	0.003722	3.50	2053.51	358.04	0.26
Bell-2-Gober	52799	5-EV	2401.00	286.00	291.18		291.24	0.001880	1.93	1242.66	304.93	0.17
Bell-2-Gober	52799	2-EV	528.00	286.00	288.97		288.98	0.000779	0.86	611.22	259.19	0.10
Bell-2-Gober	52649	100-EV	20303.00	286.00	296.44		296.84	0.004666	5.05	4021.74	546.31	0.33
Bell-2-Gober	52649	50-EV	17801.00	286.00	295.90		296.25	0.004552	4.78	3724.18	538.34	0.32
Bell-2-Gober	52649	25-EV	14811.00	286.00	295.21		295.51	0.004363	4.41	3355.61	528.62	0.31
Bell-2-Gober	52649	10-EV	7184.00	286.00	293.07		293.23	0.003587	3.18	2259.79	497.49	0.26
Bell-2-Gober	52649	5-EV	2401.00	286.00	290.86		290.92	0.002398	1.92	1252.78	415.22	0.19
Bell-2-Gober	52649	2-EV	528.00	286.00	288.83		288.84	0.001060	0.93	564.93	268.37	0.11
Bell-2-Gober	52424	100-EV	20303.00	286.00	295.64		295.90	0.003263	4.09	4966.45	714.52	0.27
Bell-2-Gober	52424	50-EV	17801.00	286.00	295.09		295.33	0.003289	3.89	4573.63	711.51	0.27
Bell-2-Gober	52424	25-EV	14811.00	286.00	294.41		294.61	0.003288	3.62	4088.16	706.56	0.27
Bell-2-Gober	52424	10-EV	7184.00	286.00	292.32		292.44	0.003282	2.73	2631.72	688.47	0.25
Bell-2-Gober	52424	5-EV	2401.00	286.00	290.18		290.24	0.003881	1.98	1210.13	573.22	0.24
Bell-2-Gober	52424	2-EV	528.00	286.00	288.45		288.47	0.002838	1.22	434.45	351.39	0.19
Bell-2-Gober	52274	100-EV	20303.00	286.00	295.14		295.41	0.003229	4.22	4814.08	684.08	0.28
Bell-2-Gober	52274	50-EV	17801.00	286.00	294.59		294.84	0.003225	4.01	4439.23	678.21	0.28
Bell-2-Gober	52274	25-EV	14811.00	286.00	293.91		294.13	0.003171	3.72	3982.95	671.00	0.27
Bell-2-Gober	52274	10-EV	7184.00	286.00	291.85		291.97	0.002944	2.74	2619.16	655.25	0.24
Bell-2-Gober	52274	5-EV	2401.00	286.00	289.58		289.65	0.004055	2.05	1169.55	570.34	0.25
Bell-2-Gober	52274	2-EV	528.00	286.00	287.77		287.82	0.007453	1.80	293.82	241.34	0.29
Bell-2-Gober	52124	100-EV	20080.00	284.17	294.65		294.92	0.003355	4.12	4877.09	695.76	0.27
Bell-2-Gober	52124	50-EV	17683.00	284.17	294.10		294.34	0.003393	3.94	4492.13	689.54	0.27
Bell-2-Gober	52124	25-EV	14798.00	284.17	293.43		293.63	0.003370	3.67	4030.88	680.92	0.27
Bell-2-Gober	52124	10-EV	7101.00	284.17	291.44		291.55	0.002670	2.60	2727.64	636.12	0.22
Bell-2-Gober	52124	5-EV	2345.00	284.17	289.00		289.05	0.003823	1.95	1204.74	575.86	0.24
Bell-2-Gober	52124	2-EV	520.00	284.17	286.97		287.01	0.004124	1.49	348.93	300.74	0.24
Bell-2-Gober	51974	100-EV	20080.00	284.00	293.77		294.18	0.007364	5.17	3880.69	654.24	0.37
Bell-2-Gober	51974	50-EV	17683.00	284.00	293.18		293.58	0.008039	5.06	3495.39	650.04	0.38
Bell-2-Gober	51974	25-EV	14798.00	284.00	292.48		292.85	0.008842	4.86	3043.09	643.24	0.39
Bell-2-Gober	51974	10-EV	7101.00	284.00	290.60		290.83	0.010282	3.83	1853.28	626.29	0.39
Bell-2-Gober	51974	5-EV	2345.00	284.00	287.98		288.17	0.010013	3.43	683.44	247.34	0.36
Bell-2-Gober	51974	2-EV	520.00	284.00	285.98		286.05	0.011224	2.17	239.62	188.33	0.34
Bell-2-Gober	51824	100-EV	20080.00	282.81	292.82		293.21	0.005676	5.05	3977.34	595.87	0.34
Bell-2-Gober	51824	50-EV	17683.00	282.81	292.13		292.51	0.006260	4.95	3568.82	592.61	0.36
Bell-2-Gober	51824	25-EV	14798.00	282.81	291.30		291.66	0.007087	4.80	3079.84	588.76	0.37
Bell-2-Gober	51824	10-EV	7101.00	282.81	289.14		289.37	0.009235	3.91	1815.34	578.60	0.39
Bell-2-Gober	51824	5-EV	2345.00	282.81	286.69		286.85	0.007752	3.22	728.32	262.56	0.34
Bell-2-Gober	51824	2-EV	520.00	282.81	284.91		284.95	0.005142	1.68	309.88	219.87	0.25
Bell-2-Gober	51674	100-EV	20080.00	281.57	292.18		292.49	0.003890	4.47	4495.56	611.71	0.29
Bell-2-Gober	51674	50-EV	17683.00	281.57	291.41		291.71	0.004318	4.39	4028.76	608.85	0.30
Bell-2-Gober	51674	25-EV	14798.00	281.57	290.46		290.75	0.005013	4.29	3453.02	605.32	0.32
Bell-2-Gober	51674	10-EV	7101.00	281.57	287.68		287.92	0.010107	3.98	1783.30	590.87	0.40
Bell-2-Gober	51674	5-EV	2345.00	281.57	285.19		285.40	0.012361	3.67	638.65	273.77	0.42
Bell-2-Gober	51674	2-EV	520.00	281.57	283.22		283.36	0.031881	3.06	169.93	196.96	0.58
Bell-2-Gober	51523	100-EV	20080.00	280.00	291.80		292.03	0.002197	3.83	5243.44	612.33	0.23
Bell-2-Gober	51523	50-EV	17683.00	280.00	291.01		291.22	0.002321	3.72	4757.21	607.53	0.23
Bell-2-Gober	51523	25-EV	14798.00	280.00	290.01		290.21	0.002485	3.56	4155.14	601.52	0.24
Bell-2-Gober	51523	10-EV	7101.00	280.00	286.94		287.08	0.003356	3.04	2337.78	579.92	0.27
Bell-2-Gober	51523	5-EV	2345.00	280.00	284.26		284.37	0.004099	2.58	909.81	367.35	0.29
Bell-2-Gober	51523	2-EV	520.00	280.00	282.17		282.21	0.003235	1.67	311.47	217.58	0.25
Bell-2-Gober	51374	100-EV	20080.00	280.00	291.51		291.73	0.001841	3.72	5398.58	588.80	0.22
Bell-2-Gober	51374	50-EV	17683.00	280.00	290.70		290.90	0.001925	3.59	4923.51	581.97	0.22
Bell-2-Gober	51374	25-EV	14798.00	280.00	289.69		289.87	0.002036	3.41	4337.54	572.92	0.22
Bell-2-Gober	51374	10-EV	7101.00	280.00	286.51		286.63	0.002646	2.80	2538.19	559.28	0.23
Bell-2-Gober	51374	5-EV	2345.00	280.00	283.74		283.81	0.003271	2.13	1102.53	427.83	0.23
Bell-2-Gober	51374	2-EV	520.00	280.00	281.77		281.79	0.002406	1.24	420.78	279.17	0.18
Bell-2-Gober	51224	100-EV	20080.00	278.43	291.23		291.45	0.001872	3.73	5378.95	581.32	0.22
Bell-2-Gober	51224	50-EV	17683.00	278.43	290.41		290.61	0.001927	3.60	4907.58	564.65	0.22
Bell-2-Gober	51224	25-EV	14798.00	278.43	289.39		289.57	0.001995	3.41	4335.87	551.77	0.21
Bell-2-Gober	51224	10-EV	7101.00	278.43	286.13		286.25	0.002402	2.76	2577.33	531.81	0.22
Bell-2-Gober	51224	5-EV	2345.00	278.43	283.24		283.31	0.003494	2.11	1109.00	481.97	0.25
Bell-2-Gober	51224	2-EV	520.00	278.43	281.09		281.14	0.009991	1.90	273.69	279.50	0.34
Bell-2-Gober	51074	100-EV	20080.00	277.24	290.91		291.14	0.002299	3.85	5217.02	555.65	0.22
Bell-2-Gober	51074	50-EV	17683.00	277.24	290.09		290.31	0.002154	3.69	4789.98	507.33	0.21
Bell-2-Gober	51074	25-EV	14798.00	277.24	289.07		289.25	0.002152	3.46	4275.26	496.83	0.21
Bell-2-Gober	51074	10-EV	7101.00	277.24	285.79		285.90	0.002208	2.64	2685.89	473.92	0.20
Bell-2-Gober	51074	5-EV	2345.00	277.24	282.86		282.90	0.002030	1.72	1359.79	425.76	0.17
Bell-2-Gober	51074	2-EV	520.00	277.24	280.37		280.39	0.002887	1.20	435.06	304.59	0.18

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	50923	100-EV	20080.00	276.00	290.44	283.77	290.74	0.002878	4.44	4525.67	667.62	0.26
Bell-2-Gober	50923	50-EV	17683.00	276.00	289.65	283.40	289.93	0.002845	4.27	4143.59	634.60	0.25
Bell-2-Gober	50923	25-EV	14798.00	276.00	288.63	282.93	288.88	0.002789	4.03	3675.97	596.48	0.25
Bell-2-Gober	50923	10-EV	7101.00	276.00	285.39	281.23	285.54	0.002589	3.06	2318.90	421.98	0.22
Bell-2-Gober	50923	5-EV	2345.00	276.00	282.52	279.55	282.58	0.002264	1.93	1214.91	374.50	0.19
Bell-2-Gober	50923	2-EV	520.00	276.00	280.04	277.97	280.06	0.001732	1.17	445.33	247.34	0.15
Bell-2-Gober	50774	100-EV	20080.00	275.93	289.56		290.17	0.004755	6.28	3195.28	368.52	0.38
Bell-2-Gober	50774	50-EV	17683.00	275.93	288.79		289.36	0.004788	6.06	2916.22	357.17	0.37
Bell-2-Gober	50774	25-EV	14798.00	275.93	287.80		288.32	0.004833	5.76	2571.13	343.54	0.37
Bell-2-Gober	50774	10-EV	7101.00	275.93	284.70		285.01	0.004723	4.49	1580.21	301.54	0.35
Bell-2-Gober	50774	5-EV	2345.00	275.93	281.97		282.11	0.004487	2.94	796.69	274.16	0.30
Bell-2-Gober	50774	2-EV	520.00	275.93	279.56		279.64	0.005323	2.25	231.09	149.90	0.32
Bell-2-Gober	50624	100-EV	20080.00	275.53	288.93		289.49	0.004151	6.00	3347.99	377.93	0.36
Bell-2-Gober	50624	50-EV	17683.00	275.53	288.15		288.67	0.004263	5.79	3054.55	371.05	0.36
Bell-2-Gober	50624	25-EV	14798.00	275.53	287.14		287.61	0.004458	5.51	2683.97	362.88	0.36
Bell-2-Gober	50624	10-EV	7101.00	275.53	283.92		284.24	0.005593	4.55	1561.51	334.65	0.37
Bell-2-Gober	50624	5-EV	2345.00	275.53	281.09		281.28	0.006979	3.48	673.58	260.36	0.38
Bell-2-Gober	50624	2-EV	520.00	275.53	278.66		278.79	0.005943	2.87	181.05	97.21	0.37
Bell-2-Gober	50399	100-EV	20080.00	273.89	288.42		288.74	0.002298	4.52	4439.44	441.44	0.25
Bell-2-Gober	50399	50-EV	17683.00	273.89	287.62		287.91	0.002310	4.33	4088.02	435.85	0.25
Bell-2-Gober	50399	25-EV	14798.00	273.89	286.58		286.84	0.002333	4.07	3640.02	427.94	0.25
Bell-2-Gober	50399	10-EV	7101.00	273.89	283.24		283.39	0.002450	3.15	2254.49	399.59	0.23
Bell-2-Gober	50399	5-EV	2345.00	273.89	280.38		280.44	0.002145	2.05	1145.03	377.70	0.21
Bell-2-Gober	50399	2-EV	520.00	273.89	278.24		278.26	0.001149	1.18	441.09	221.39	0.15
Bell-2-Gober	50174	100-EV	20080.00	276.00	287.67		288.12	0.003194	5.38	3729.30	401.49	0.31
Bell-2-Gober	50174	50-EV	17683.00	276.00	286.86		287.28	0.003247	5.18	3410.62	393.88	0.31
Bell-2-Gober	50174	25-EV	14798.00	276.00	285.83		286.20	0.003316	4.92	3006.93	382.88	0.31
Bell-2-Gober	50174	10-EV	7101.00	276.00	282.44		282.69	0.003927	4.02	1767.30	350.63	0.32
Bell-2-Gober	50174	5-EV	2345.00	276.00	279.62		279.74	0.004761	2.85	822.79	317.57	0.31
Bell-2-Gober	50174	2-EV	520.00	276.00	277.75		277.80	0.004575	1.82	284.98	215.22	0.28
Bell-2-Gober	50025	100-EV	20080.00	273.43	287.25		287.66	0.002798	5.17	3885.56	425.36	0.30
Bell-2-Gober	50025	50-EV	17683.00	273.43	286.43		286.82	0.002907	5.00	3539.57	420.76	0.30
Bell-2-Gober	50025	25-EV	14798.00	273.43	285.36		285.72	0.003085	4.78	3096.18	412.97	0.31
Bell-2-Gober	50025	10-EV	7101.00	273.43	281.82		282.09	0.004137	4.15	1712.38	361.05	0.34
Bell-2-Gober	50025	5-EV	2345.00	273.43	278.78		278.95	0.005984	3.29	713.74	299.36	0.38
Bell-2-Gober	50025	2-EV	520.00	273.43	276.80		276.90	0.008310	2.49	208.91	179.19	0.41
Bell-2-Gober	49874	100-EV	20080.00	271.46	286.93		287.28	0.002046	4.76	4222.18	404.94	0.26
Bell-2-Gober	49874	50-EV	17683.00	271.46	286.11		286.43	0.002054	4.54	3890.71	400.91	0.26
Bell-2-Gober	49874	25-EV	14798.00	271.46	285.04		285.32	0.002073	4.27	3463.94	394.96	0.25
Bell-2-Gober	49874	10-EV	7101.00	271.46	281.41		281.59	0.002428	3.43	2072.70	371.65	0.26
Bell-2-Gober	49874	5-EV	2345.00	271.46	278.15		278.25	0.003470	2.58	909.81	332.38	0.27
Bell-2-Gober	49874	2-EV	520.00	271.46	275.87		275.93	0.004950	1.98	262.39	191.03	0.30
Bell-2-Gober	49724	100-EV	20080.00	271.01	286.52		286.93	0.002632	5.12	3925.46	394.37	0.29
Bell-2-Gober	49724	50-EV	17683.00	271.01	285.70		286.08	0.002668	4.91	3602.53	390.01	0.28
Bell-2-Gober	49724	25-EV	14798.00	271.01	284.62		284.96	0.002751	4.65	3185.26	384.51	0.28
Bell-2-Gober	49724	10-EV	7101.00	271.01	280.96		281.19	0.002951	3.84	1848.84	318.55	0.28
Bell-2-Gober	49724	5-EV	2345.00	271.01	277.45		277.60	0.005614	3.09	759.10	300.18	0.34
Bell-2-Gober	49724	2-EV	520.00	271.01	274.87		274.99	0.008363	2.75	188.87	126.43	0.40
Bell-2-Gober	49574	100-EV	20080.00	271.00	285.64		286.41	0.004090	7.02	2861.08	278.10	0.39
Bell-2-Gober	49574	50-EV	17683.00	271.00	284.87		285.56	0.003973	6.68	2647.12	272.49	0.38
Bell-2-Gober	49574	25-EV	14798.00	271.00	283.85		284.46	0.003683	6.23	2376.99	259.12	0.36
Bell-2-Gober	49574	10-EV	7101.00	271.00	280.41		280.74	0.002935	4.59	1548.70	227.89	0.31
Bell-2-Gober	49574	5-EV	2345.00	271.00	276.91		277.05	0.002513	2.97	788.26	205.26	0.27
Bell-2-Gober	49574	2-EV	520.00	271.00	274.02		274.09	0.004316	2.14	243.28	161.38	0.31
Bell-2-Gober	49425	100-EV	20080.00	270.15	284.69	279.47	285.65	0.006121	7.85	2557.26	241.19	0.43
Bell-2-Gober	49425	50-EV	17683.00	270.15	283.98	278.91	284.84	0.005806	7.41	2387.03	236.85	0.41
Bell-2-Gober	49425	25-EV	14798.00	270.15	283.07	278.20	283.79	0.005356	6.81	2173.43	231.21	0.39
Bell-2-Gober	49425	10-EV	7101.00	270.15	279.86	275.86	280.22	0.004066	4.86	1460.91	212.51	0.33
Bell-2-Gober	49425	5-EV	2345.00	270.15	276.50	273.57	276.64	0.003005	3.00	780.80	191.16	0.26
Bell-2-Gober	49425	2-EV	520.00	270.15	273.57	271.77	273.62	0.002366	1.81	286.55	138.32	0.22
Bell-2-Gober	49199	100-EV	20080.00	270.00	284.20		284.63	0.002594	5.25	3825.79	456.61	0.32
Bell-2-Gober	49199	50-EV	17683.00	270.00	283.45		283.85	0.002628	5.07	3486.71	442.34	0.32
Bell-2-Gober	49199	25-EV	14798.00	270.00	282.50		282.86	0.002634	4.78	3098.25	391.17	0.30
Bell-2-Gober	49199	10-EV	7101.00	270.00	279.15		279.39	0.003062	3.89	1824.49	369.84	0.31
Bell-2-Gober	49199	5-EV	2345.00	270.00	275.80		275.95	0.003151	3.09	757.87	217.85	0.29
Bell-2-Gober	49199	2-EV	520.00	270.00	272.96		273.03	0.002919	2.07	250.97	130.55	0.26
Bell-2-Gober	49049	100-EV	20080.00	270.00	283.97		284.25	0.001990	4.24	4740.78	503.10	0.24
Bell-2-Gober	49049	50-EV	17683.00	270.00	283.23		283.49	0.001778	4.03	4385.23	460.45	0.23
Bell-2-Gober	49049	25-EV	14798.00	270.00	282.29		282.50	0.001698	3.74	3955.19	449.14	0.22

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	49049	10-EV	7101.00	270.00	278.89		279.02	0.001750	2.88	2468.74	427.02	0.21
Bell-2-Gober	49049	5-EV	2345.00	270.00	275.33		275.42	0.003677	2.37	990.81	402.07	0.27
Bell-2-Gober	49049	2-EV	520.00	270.00	272.30		272.41	0.006226	2.60	200.02	117.95	0.35
Bell-2-Gober	48824	100-EV	20080.00	269.00	283.53		283.78	0.002115	3.97	5054.49	481.30	0.22
Bell-2-Gober	48824	50-EV	17683.00	269.00	282.83		283.05	0.002041	3.75	4717.37	476.41	0.21
Bell-2-Gober	48824	25-EV	14798.00	269.00	281.90		282.08	0.001956	3.46	4277.06	470.88	0.20
Bell-2-Gober	48824	10-EV	7101.00	269.00	278.49		278.60	0.001943	2.62	2706.43	444.07	0.19
Bell-2-Gober	48824	5-EV	2345.00	269.00	274.50		274.57	0.003783	2.17	1082.48	379.01	0.23
Bell-2-Gober	48824	2-EV	520.00	269.00	271.22		271.31	0.003896	2.37	219.03	111.40	0.30
Bell-2-Gober	48524	100-EV	20080.00	267.01	282.58		282.99	0.003247	5.08	3948.88	392.47	0.28
Bell-2-Gober	48524	50-EV	17683.00	267.01	281.93		282.29	0.003085	4.79	3695.40	386.51	0.27
Bell-2-Gober	48524	25-EV	14798.00	267.01	281.07		281.37	0.002837	4.39	3368.08	374.48	0.26
Bell-2-Gober	48524	10-EV	7101.00	267.01	277.76		277.92	0.002575	3.26	2178.84	350.21	0.23
Bell-2-Gober	48524	5-EV	2345.00	267.01	273.47		273.59	0.002823	2.75	851.50	201.68	0.24
Bell-2-Gober	48524	2-EV	520.00	267.01	270.43		270.47	0.002034	1.63	318.47	145.47	0.19
Bell-2-Gober	48374	100-EV	20080.00	267.00	281.69	276.09	282.31	0.006004	6.36	3157.52	386.69	0.39
Bell-2-Gober	48374	50-EV	17683.00	267.00	281.07	275.53	281.64	0.005894	6.05	2923.31	379.00	0.38
Bell-2-Gober	48374	25-EV	14798.00	267.00	280.27	274.82	280.76	0.005756	5.64	2622.52	368.54	0.37
Bell-2-Gober	48374	10-EV	7101.00	267.00	277.18	272.29	277.46	0.003489	4.30	1651.88	229.54	0.28
Bell-2-Gober	48374	5-EV	2345.00	267.00	272.96	270.07	273.11	0.003564	3.10	757.09	176.04	0.26
Bell-2-Gober	48374	2-EV	520.00	267.00	270.05	268.44	270.10	0.003068	1.83	283.89	137.35	0.22
Bell-2-Gober	48224	100-EV	20080.00	266.00	280.08	276.93	281.02	0.012527	7.78	2579.72	365.35	0.52
Bell-2-Gober	48224	50-EV	17683.00	266.00	279.51	276.43	280.37	0.012377	7.45	2374.53	354.54	0.51
Bell-2-Gober	48224	25-EV	14798.00	266.00	278.76	275.67	279.53	0.012099	6.99	2115.80	338.85	0.49
Bell-2-Gober	48224	10-EV	7101.00	266.00	276.15	271.93	276.60	0.010577	5.39	1317.76	271.15	0.43
Bell-2-Gober	48224	5-EV	2345.00	266.00	272.36	269.29	272.57	0.003564	3.65	642.58	133.07	0.29
Bell-2-Gober	48224	2-EV	520.00	266.00	269.76	267.60	269.80	0.001408	1.62	320.29	115.34	0.17
Bell-2-Gober	47999	100-EV	20080.00	266.00	278.60	275.12	279.17	0.005229	6.08	3303.89	485.85	0.41
Bell-2-Gober	47999	50-EV	17683.00	266.00	278.04	274.71	278.56	0.005105	5.83	3034.55	475.96	0.41
Bell-2-Gober	47999	25-EV	14798.00	266.00	277.31	274.18	277.78	0.004916	5.49	2694.48	464.73	0.40
Bell-2-Gober	47999	10-EV	7101.00	266.00	274.86	271.68	275.16	0.004034	4.39	1617.48	396.20	0.38
Bell-2-Gober	47999	5-EV	2345.00	266.00	271.42	269.69	271.64	0.004839	3.73	628.09	196.46	0.37
Bell-2-Gober	47999	2-EV	520.00	266.00	269.20	267.82	269.28	0.004228	2.30	225.79	165.79	0.35
Bell-2-Gober	47774	100-EV	20080.00	265.00	277.14	274.03	277.74	0.007940	6.24	3216.42	485.12	0.43
Bell-2-Gober	47774	50-EV	17683.00	265.00	276.59	273.69	277.14	0.008057	5.99	2952.16	478.51	0.43
Bell-2-Gober	47774	25-EV	14798.00	265.00	275.88	273.25	276.38	0.008231	5.65	2618.30	469.74	0.42
Bell-2-Gober	47774	10-EV	7101.00	265.00	273.41	270.64	273.76	0.011029	4.74	1496.67	431.28	0.45
Bell-2-Gober	47774	5-EV	2345.00	265.00	270.04	268.65	270.31	0.007379	4.19	559.89	191.03	0.43
Bell-2-Gober	47774	2-EV	520.00	265.00	267.99	267.14	268.09	0.007027	2.58	201.85	142.60	0.38
Bell-2-Gober	47625	100-EV	20080.00	263.00	276.13		276.62	0.006593	5.61	3579.10	555.81	0.39
Bell-2-Gober	47625	50-EV	17683.00	263.00	275.53		275.99	0.006954	5.45	3247.48	548.23	0.39
Bell-2-Gober	47625	25-EV	14798.00	263.00	274.74		275.17	0.007668	5.26	2815.20	538.18	0.41
Bell-2-Gober	47625	10-EV	7101.00	263.00	271.65		272.10	0.010905	5.37	1322.29	354.53	0.49
Bell-2-Gober	47625	5-EV	2345.00	263.00	268.67		269.00	0.010333	4.61	508.77	198.94	0.51
Bell-2-Gober	47625	2-EV	520.00	263.00	266.65		266.81	0.010572	3.21	161.79	113.38	0.47
Bell-2-Gober	47474	100-EV	20080.00	261.07	274.98		275.69	0.005493	6.78	2960.79	473.56	0.48
Bell-2-Gober	47474	50-EV	17683.00	261.07	274.35		275.03	0.005569	6.62	2669.23	457.03	0.48
Bell-2-Gober	47474	25-EV	14798.00	261.07	273.49		274.14	0.005797	6.48	2284.30	436.89	0.50
Bell-2-Gober	47474	10-EV	7101.00	261.07	270.41		270.87	0.006254	5.47	1297.92	279.14	0.45
Bell-2-Gober	47474	5-EV	2345.00	261.07	267.28		267.61	0.008369	4.58	511.94	180.59	0.48
Bell-2-Gober	47474	2-EV	520.00	261.07	264.47		264.75	0.018046	4.26	122.17	83.91	0.62
Bell-2-Gober	47324	100-EV	20080.00	260.02	273.82		274.71	0.007672	7.58	2648.85	425.83	0.54
Bell-2-Gober	47324	50-EV	17683.00	260.02	273.24		274.07	0.007203	7.32	2415.73	385.21	0.52
Bell-2-Gober	47324	25-EV	14798.00	260.02	272.48		273.22	0.006442	6.91	2141.97	330.00	0.48
Bell-2-Gober	47324	10-EV	7101.00	260.02	269.55		270.01	0.005326	5.42	1309.11	257.11	0.42
Bell-2-Gober	47324	5-EV	2345.00	260.02	266.36		266.60	0.005256	3.96	591.46	188.08	0.39
Bell-2-Gober	47324	2-EV	520.00	260.02	263.37		263.48	0.004602	2.64	197.04	99.76	0.33
Bell-2-Gober	47174	100-EV	20080.00	258.76	270.26	270.26	272.61	0.027009	12.31	1631.38	352.25	1.01
Bell-2-Gober	47174	50-EV	17683.00	258.76	269.76	269.76	272.03	0.028240	12.09	1462.24	321.82	1.00
Bell-2-Gober	47174	25-EV	14798.00	258.76	269.02	269.02	271.23	0.032049	11.94	1239.26	283.08	1.01
Bell-2-Gober	47174	10-EV	7101.00	258.76	266.42	266.42	268.20	0.036760	10.71	663.23	187.80	1.00
Bell-2-Gober	47174	5-EV	2345.00	258.76	263.52	263.52	264.80	0.040642	9.09	258.01	102.60	1.01
Bell-2-Gober	47174	2-EV	520.00	258.76	261.12	261.12	261.81	0.048857	6.65	78.18	58.68	1.02
Bell-2-Gober	47059	100-EV	20080.00	254.20	269.91	264.24	271.02	0.003780	8.44	2379.55	200.50	0.43
Bell-2-Gober	47059	50-EV	17683.00	254.20	268.79	263.62	269.84	0.003950	8.19	2157.86	196.09	0.44
Bell-2-Gober	47059	25-EV	14798.00	254.20	267.33	262.81	268.30	0.004256	7.89	1875.14	190.34	0.44
Bell-2-Gober	47059	10-EV	7101.00	254.20	263.05	260.25	263.70	0.005241	6.48	1095.52	173.57	0.45
Bell-2-Gober	47059	5-EV	2345.00	254.20	259.44	257.39	259.78	0.006010	4.63	506.58	143.32	0.43
Bell-2-Gober	47059	2-EV	520.00	254.20	256.91	255.59	257.00	0.003587	2.46	211.21	98.71	0.30

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	46994		Bridge									
Bell-2-Gober	46931	100-EV	20080.00	251.76	266.66		267.89	0.004329	8.93	2248.72	181.08	0.45
Bell-2-Gober	46931	50-EV	17683.00	251.76	265.46		266.63	0.004554	8.69	2034.44	176.74	0.45
Bell-2-Gober	46931	25-EV	14798.00	251.76	263.88		264.98	0.004967	8.41	1760.40	171.02	0.46
Bell-2-Gober	46931	10-EV	7101.00	251.76	259.35		260.10	0.006219	6.95	1021.89	154.58	0.48
Bell-2-Gober	46931	5-EV	2345.00	251.76	255.90		256.22	0.006226	4.60	510.12	142.07	0.43
Bell-2-Gober	46931	2-EV	520.00	251.76	253.62		253.73	0.006283	2.63	197.93	127.67	0.37
Bell-2-Gober	46887	100-EV	20080.00	251.57	266.72	260.21	267.51	0.003141	7.14	2813.68	304.66	0.37
Bell-2-Gober	46887	50-EV	17683.00	251.57	265.49	259.55	266.26	0.003382	7.02	2518.03	296.26	0.38
Bell-2-Gober	46887	25-EV	14798.00	251.57	263.87	258.73	264.61	0.003845	6.94	2132.21	284.49	0.41
Bell-2-Gober	46887	10-EV	7101.00	251.57	259.17	256.16	259.77	0.005244	6.26	1135.02	176.31	0.43
Bell-2-Gober	46887	5-EV	2345.00	251.57	255.66	253.96	255.94	0.005415	4.24	552.55	157.05	0.40
Bell-2-Gober	46887	2-EV	520.00	251.57	253.34	252.63	253.45	0.006505	2.55	203.69	142.36	0.38
Bell-2-Gober	46841	100-EV	20080.00	251.38	266.79	258.95	267.30	0.002434	5.73	3506.86	352.93	0.29
Bell-2-Gober	46841	50-EV	17683.00	251.38	265.55	258.37	266.04	0.002682	5.63	3141.80	342.55	0.30
Bell-2-Gober	46841	25-EV	14798.00	251.38	263.90	257.63	264.38	0.003163	5.55	2666.60	332.68	0.32
Bell-2-Gober	46841	10-EV	7101.00	251.38	259.13	255.36	259.52	0.003528	4.98	1425.88	214.91	0.34
Bell-2-Gober	46841	5-EV	2345.00	251.38	255.56	253.46	255.73	0.003231	3.33	704.98	191.46	0.31
Bell-2-Gober	46841	2-EV	520.00	251.38	253.13	252.35	253.20	0.004293	2.04	254.40	179.49	0.30
Bell-2-Gober	46786	100-EV	20080.00	251.14	266.82		267.15	0.001494	4.56	4459.68	476.79	0.25
Bell-2-Gober	46786	50-EV	17683.00	251.14	265.55		265.88	0.001748	4.59	3865.95	443.85	0.26
Bell-2-Gober	46786	25-EV	14798.00	251.14	263.87		264.20	0.001965	4.63	3196.95	365.50	0.28
Bell-2-Gober	46786	10-EV	7101.00	251.14	259.06		259.33	0.002209	4.18	1697.10	246.38	0.28
Bell-2-Gober	46786	5-EV	2345.00	251.14	255.46		255.58	0.002012	2.73	859.62	221.98	0.24
Bell-2-Gober	46786	2-EV	520.00	251.14	252.99		253.03	0.002291	1.60	325.24	207.33	0.23
Bell-2-Gober	46738	100-EV	20080.00	250.34	266.79		267.05	0.001553	4.09	4907.49	515.95	0.23
Bell-2-Gober	46738	50-EV	17683.00	250.34	265.51		265.77	0.001605	4.14	4270.37	471.05	0.24
Bell-2-Gober	46738	25-EV	14798.00	250.34	263.82		264.09	0.001592	4.16	3557.73	386.19	0.24
Bell-2-Gober	46738	10-EV	7101.00	250.34	259.02		259.22	0.001493	3.60	1975.08	269.08	0.23
Bell-2-Gober	46738	5-EV	2345.00	250.34	255.41		255.49	0.001229	2.25	1041.01	248.20	0.19
Bell-2-Gober	46738	2-EV	520.00	250.34	252.93		252.96	0.000870	1.15	450.66	226.78	0.14
Bell-2-Gober	46499	100-EV	20080.00	249.00	266.47		266.74	0.001124	4.14	4855.46	525.62	0.24
Bell-2-Gober	46499	50-EV	17683.00	249.00	265.16		265.43	0.001293	4.19	4215.94	450.16	0.24
Bell-2-Gober	46499	25-EV	14798.00	249.00	263.46		263.74	0.001408	4.18	3538.26	387.12	0.24
Bell-2-Gober	46499	10-EV	7101.00	249.00	258.48		258.75	0.002656	4.13	1718.03	295.75	0.30
Bell-2-Gober	46499	5-EV	2345.00	249.00	254.75		254.94	0.005438	3.45	680.51	261.04	0.38
Bell-2-Gober	46499	2-EV	520.00	249.00	252.34		252.47	0.008609	2.84	182.91	132.28	0.43
Bell-2-Gober	46348	100-EV	20080.00	248.10	266.32		266.50	0.001721	3.48	5761.94	629.65	0.20
Bell-2-Gober	46348	50-EV	17683.00	248.10	264.95		265.16	0.002216	3.60	4911.19	620.84	0.23
Bell-2-Gober	46348	25-EV	14798.00	248.10	263.19		263.42	0.003167	3.85	3839.68	572.98	0.26
Bell-2-Gober	46348	10-EV	7101.00	248.10	258.05		258.29	0.003371	3.93	1808.58	357.84	0.31
Bell-2-Gober	46348	5-EV	2345.00	248.10	253.80		254.02	0.006733	3.78	620.88	234.06	0.41
Bell-2-Gober	46348	2-EV	520.00	248.10	251.33		251.42	0.005551	2.49	209.14	125.23	0.34
Bell-2-Gober	46198	100-EV	20080.00	247.20	265.91		266.19	0.002435	4.29	4684.00	577.63	0.27
Bell-2-Gober	46198	50-EV	17683.00	247.20	264.49		264.80	0.002340	4.47	3957.82	458.33	0.27
Bell-2-Gober	46198	25-EV	14798.00	247.20	262.78		263.09	0.001518	4.47	3313.76	290.97	0.23
Bell-2-Gober	46198	10-EV	7101.00	247.20	257.69		257.91	0.001927	3.76	1890.66	269.78	0.25
Bell-2-Gober	46198	5-EV	2345.00	247.20	253.05		253.22	0.004171	3.32	706.18	222.63	0.33
Bell-2-Gober	46198	2-EV	520.00	247.20	250.30		250.42	0.008227	2.80	185.96	126.37	0.41
Bell-2-Gober	46048	100-EV	20080.00	245.37	265.53		265.89	0.001550	4.86	4131.86	498.91	0.30
Bell-2-Gober	46048	50-EV	17683.00	245.37	264.08		264.49	0.001796	5.13	3445.22	442.31	0.32
Bell-2-Gober	46048	25-EV	14798.00	245.37	262.36		262.81	0.002086	5.38	2752.98	336.51	0.33
Bell-2-Gober	46048	10-EV	7101.00	245.37	257.17		257.54	0.002966	4.87	1458.03	216.54	0.33
Bell-2-Gober	46048	5-EV	2345.00	245.37	252.32		252.57	0.004402	4.03	581.45	148.49	0.36
Bell-2-Gober	46048	2-EV	520.00	245.37	249.35		249.46	0.005152	2.66	195.29	105.71	0.35
Bell-2-Gober	45898	100-EV	20080.00	245.00	265.27	255.89	265.68	0.001246	5.15	3899.98	282.16	0.24
Bell-2-Gober	45898	50-EV	17683.00	245.00	263.86	255.37	264.25	0.001347	5.04	3507.10	273.71	0.25
Bell-2-Gober	45898	25-EV	14798.00	245.00	262.16	254.70	262.53	0.001472	4.85	3050.63	265.90	0.25
Bell-2-Gober	45898	10-EV	7101.00	245.00	256.86	251.83	257.13	0.002213	4.21	1688.14	247.76	0.28
Bell-2-Gober	45898	5-EV	2345.00	245.00	251.71	249.36	251.93	0.004019	3.83	612.01	159.73	0.35
Bell-2-Gober	45898	2-EV	520.00	245.00	248.43	247.26	248.57	0.006759	2.99	173.64	97.02	0.39
Bell-2-Gober	45748	100-EV	20080.00	245.00	264.93		265.43	0.002151	5.69	3529.72	286.28	0.29
Bell-2-Gober	45748	50-EV	17683.00	245.00	263.50		264.00	0.002104	5.63	3142.60	257.48	0.28
Bell-2-Gober	45748	25-EV	14798.00	245.00	261.80		262.26	0.002057	5.43	2725.11	235.38	0.28
Bell-2-Gober	45748	10-EV	7101.00	245.00	256.49		256.80	0.002201	4.48	1583.99	199.97	0.28
Bell-2-Gober	45748	5-EV	2345.00	245.00	251.18		251.40	0.003220	3.70	633.12	144.13	0.31
Bell-2-Gober	45748	2-EV	520.00	245.00	247.80		247.89	0.003224	2.39	217.20	96.75	0.28
Bell-2-Gober	45598	100-EV	20080.00	244.12	263.16	258.12	264.82	0.005754	10.32	1946.23	202.69	0.59
Bell-2-Gober	45598	50-EV	17683.00	244.12	261.48	257.07	263.33	0.006772	10.93	1617.58	187.24	0.66

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	45598	25-EV	14798.00	244.12	259.62	255.64	261.57	0.007538	11.21	1320.33	135.98	0.63
Bell-2-Gober	45598	10-EV	7101.00	244.12	254.94	251.66	256.16	0.007241	8.85	802.04	94.46	0.54
Bell-2-Gober	45598	5-EV	2345.00	244.12	250.01	248.09	250.62	0.008321	6.27	374.30	78.77	0.51
Bell-2-Gober	45598	2-EV	520.00	244.12	247.10	245.84	247.26	0.005350	3.22	161.53	67.25	0.37
Bell-2-Gober	45523	100-EV	20080.00	243.97	262.82	256.01	264.30	0.006858	9.75	2058.50	257.61	0.49
Bell-2-Gober	45523	50-EV	17683.00	243.97	261.22	255.13	262.71	0.006846	9.79	1805.74	226.23	0.50
Bell-2-Gober	45523	25-EV	14798.00	243.97	259.48	254.04	260.88	0.006667	9.48	1560.79	201.06	0.49
Bell-2-Gober	45523	10-EV	7101.00	243.97	254.78	250.53	255.57	0.005214	7.16	991.98	129.94	0.42
Bell-2-Gober	45523	5-EV	2345.00	243.97	249.60	247.44	250.02	0.006275	5.22	448.85	97.44	0.43
Bell-2-Gober	45523	2-EV	520.00	243.97	246.76	245.52	246.88	0.004476	2.75	188.82	85.05	0.33
Bell-2-Gober	45373	100-EV	20271.00	243.00	262.57		263.45	0.003134	7.53	2693.50	189.59	0.35
Bell-2-Gober	45373	50-EV	17838.00	243.00	260.98		261.84	0.003271	7.43	2400.80	179.72	0.36
Bell-2-Gober	45373	25-EV	14929.00	243.00	259.22		260.01	0.003350	7.14	2092.05	171.43	0.36
Bell-2-Gober	45373	10-EV	7083.00	243.00	254.44		254.89	0.002940	5.39	1314.23	153.78	0.33
Bell-2-Gober	45373	5-EV	2457.00	243.00	248.77		249.12	0.005556	4.72	520.39	123.74	0.41
Bell-2-Gober	45373	2-EV	611.00	243.00	245.63		245.83	0.011042	3.65	167.18	100.07	0.50
Bell-2-Gober	45298	100-EV	20271.00	242.01	262.53		263.18	0.002304	6.46	3138.30	216.21	0.30
Bell-2-Gober	45298	50-EV	17838.00	242.01	260.93		261.56	0.002401	6.36	2803.48	203.84	0.30
Bell-2-Gober	45298	25-EV	14929.00	242.01	259.16		259.73	0.002421	6.09	2453.09	191.73	0.30
Bell-2-Gober	45298	10-EV	7083.00	242.01	254.36		254.67	0.001980	4.47	1586.27	171.18	0.26
Bell-2-Gober	45298	5-EV	2457.00	242.01	248.54		248.75	0.003439	3.74	656.23	144.71	0.31
Bell-2-Gober	45298	2-EV	611.00	242.01	244.83		245.02	0.010500	3.48	175.62	108.75	0.48
Bell-2-Gober	45147	100-EV	20271.00	240.09	262.46		262.84	0.001327	4.93	4113.42	272.65	0.22
Bell-2-Gober	45147	50-EV	17838.00	240.09	260.87		261.23	0.001191	4.81	3710.29	242.42	0.22
Bell-2-Gober	45147	25-EV	14929.00	240.09	259.09		259.41	0.001140	4.54	3288.57	231.18	0.21
Bell-2-Gober	45147	10-EV	7083.00	240.09	254.28		254.44	0.000845	3.19	2220.36	214.85	0.17
Bell-2-Gober	45147	5-EV	2457.00	240.09	248.35		248.44	0.001120	2.43	1010.07	190.31	0.19
Bell-2-Gober	45147	2-EV	611.00	240.09	243.75		243.87	0.005648	2.72	224.57	125.76	0.36
Bell-2-Gober	44998	100-EV	20271.00	239.12	262.06		262.53	0.003293	5.52	3671.39	349.02	0.30
Bell-2-Gober	44998	50-EV	17838.00	239.12	260.51		260.99	0.002129	5.56	3205.76	254.17	0.28
Bell-2-Gober	44998	25-EV	14929.00	239.12	258.73		259.18	0.002028	5.38	2777.22	232.19	0.27
Bell-2-Gober	44998	10-EV	7083.00	239.12	254.03		254.28	0.001268	3.96	1787.40	179.82	0.22
Bell-2-Gober	44998	5-EV	2457.00	239.12	248.15		248.27	0.001106	2.82	871.06	133.67	0.19
Bell-2-Gober	44998	2-EV	611.00	239.12	243.22		243.30	0.002659	2.27	269.46	112.50	0.26
Bell-2-Gober	44848	100-EV	20271.00	238.00	260.66		261.73	0.008136	8.33	2432.49	216.63	0.44
Bell-2-Gober	44848	50-EV	17838.00	238.00	259.33		260.39	0.007540	8.25	2160.92	191.74	0.43
Bell-2-Gober	44848	25-EV	14929.00	238.00	257.60		258.61	0.007100	8.06	1852.35	170.25	0.43
Bell-2-Gober	44848	10-EV	7083.00	238.00	253.38		253.92	0.004627	5.92	1196.29	140.17	0.36
Bell-2-Gober	44848	5-EV	2457.00	238.00	247.73		248.02	0.002471	4.27	575.58	83.05	0.29
Bell-2-Gober	44848	2-EV	611.00	238.00	242.77		242.90	0.002600	2.84	215.47	62.79	0.27
Bell-2-Gober	44698	100-EV	20271.00	237.06	259.50		260.55	0.007599	8.22	2465.86	212.81	0.43
Bell-2-Gober	44698	50-EV	17838.00	237.06	258.32		259.32	0.006593	8.00	2229.61	186.45	0.41
Bell-2-Gober	44698	25-EV	14929.00	237.06	256.72		257.62	0.005780	7.63	1956.61	163.44	0.39
Bell-2-Gober	44698	10-EV	7083.00	237.06	252.87		253.29	0.003411	5.20	1362.59	145.47	0.30
Bell-2-Gober	44698	5-EV	2457.00	237.06	247.41		247.62	0.002605	3.68	668.55	95.53	0.24
Bell-2-Gober	44698	2-EV	611.00	237.06	242.43		242.52	0.002306	2.34	261.60	68.48	0.21
Bell-2-Gober	44548	100-EV	20271.00	236.97	258.60		259.38	0.006975	7.08	2864.48	303.22	0.41
Bell-2-Gober	44548	50-EV	17838.00	236.97	257.56		258.30	0.005917	6.92	2578.00	241.44	0.37
Bell-2-Gober	44548	25-EV	14929.00	236.97	256.16		256.83	0.004064	6.53	2287.20	194.34	0.34
Bell-2-Gober	44548	10-EV	7083.00	236.97	252.51		252.81	0.002600	4.43	1599.99	181.78	0.26
Bell-2-Gober	44548	5-EV	2457.00	236.97	247.14		247.29	0.001703	3.10	793.77	102.27	0.20
Bell-2-Gober	44548	2-EV	611.00	236.97	242.18		242.24	0.001476	1.85	330.67	84.34	0.16
Bell-2-Gober	44398	100-EV	20271.00	236.20	255.77	253.72	257.87	0.012465	11.62	1745.07	206.92	0.71
Bell-2-Gober	44398	50-EV	17838.00	236.20	254.74	253.17	256.84	0.014450	11.62	1535.46	200.30	0.74
Bell-2-Gober	44398	25-EV	14929.00	236.20	253.47	252.30	255.56	0.017603	11.61	1285.37	191.60	0.79
Bell-2-Gober	44398	10-EV	7083.00	236.20	249.68	249.62	251.69	0.033221	11.37	622.70	150.05	0.98
Bell-2-Gober	44398	5-EV	2457.00	236.20	244.66	243.90	246.48	0.023448	10.84	226.72	42.90	0.83
Bell-2-Gober	44398	2-EV	611.00	236.20	240.91		241.63	0.018995	6.79	90.01	30.09	0.69
Bell-2-Gober	44248	100-EV	20271.00	236.01	249.91	249.91	255.02	0.024478	18.13	1118.11	110.70	1.01
Bell-2-Gober	44248	50-EV	17838.00	236.01	248.97	248.97	253.77	0.025122	17.57	1015.34	107.10	1.01
Bell-2-Gober	44248	25-EV	14929.00	236.01	247.76	247.76	252.15	0.026155	16.80	888.79	102.49	1.01
Bell-2-Gober	44248	10-EV	7083.00	236.01	243.88	243.88	246.79	0.030808	13.70	517.13	89.02	1.00
Bell-2-Gober	44248	5-EV	2457.00	236.01	240.44	240.44	242.10	0.036357	10.32	238.00	71.96	1.00
Bell-2-Gober	44248	2-EV	611.00	236.01	238.81		239.15	0.013231	4.70	130.14	60.59	0.56
Bell-2-Gober	44098	100-EV	20271.00	235.16	243.46		244.87	0.014819	9.53	2127.97	328.02	0.66
Bell-2-Gober	44098	50-EV	17838.00	235.16	243.01		244.27	0.014311	9.00	1981.92	325.10	0.64
Bell-2-Gober	44098	25-EV	14929.00	235.16	242.43		243.51	0.013651	8.31	1795.76	321.60	0.62
Bell-2-Gober	44098	10-EV	7083.00	235.16	240.51		241.06	0.011325	5.96	1188.36	309.29	0.54
Bell-2-Gober	44098	5-EV	2457.00	235.16	238.77		238.98	0.008846	3.71	661.76	295.67	0.44
Bell-2-Gober	44098	2-EV	611.00	235.16	237.48		237.55	0.008052	2.12	288.58	282.95	0.37

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	43948	100-EV	20271.00	234.11	242.27	239.94	243.10	0.007927	7.30	2776.01	440.66	0.51
Bell-2-Gober	43948	50-EV	17838.00	234.11	241.81	239.60	242.56	0.007834	6.93	2572.84	438.31	0.50
Bell-2-Gober	43948	25-EV	14929.00	234.11	241.22	239.17	241.87	0.007706	6.45	2315.13	435.31	0.49
Bell-2-Gober	43948	10-EV	7083.00	234.11	239.31	237.83	239.66	0.007210	4.75	1492.13	425.73	0.45
Bell-2-Gober	43948	5-EV	2457.00	234.11	237.66	236.68	237.80	0.006783	3.09	795.77	416.00	0.39
Bell-2-Gober	43948	2-EV	611.00	234.11	236.47	235.84	236.52	0.005843	1.83	333.09	340.43	0.33
Bell-2-Gober	43798	100-EV	20271.00	232.25	241.15	238.75	241.88	0.008021	6.86	2955.83	481.59	0.49
Bell-2-Gober	43798	50-EV	17838.00	232.25	240.69	238.42	241.35	0.007964	6.52	2735.89	479.09	0.48
Bell-2-Gober	43798	25-EV	14929.00	232.25	240.11	238.02	240.68	0.007894	6.08	2456.51	475.90	0.47
Bell-2-Gober	43798	10-EV	7083.00	232.25	238.23	236.75	238.55	0.007531	4.50	1573.47	465.01	0.43
Bell-2-Gober	43798	5-EV	2457.00	232.25	236.66	235.62	236.79	0.006822	2.89	848.97	454.95	0.37
Bell-2-Gober	43798	2-EV	611.00	232.25	235.22	234.64	235.30	0.012168	2.27	269.68	315.87	0.43
Bell-2-Gober	43573	100-EV	20271.00	228.57	239.39	236.94	240.04	0.008102	6.44	3146.60	534.05	0.47
Bell-2-Gober	43573	50-EV	17838.00	228.57	238.93	236.65	239.52	0.008117	6.15	2900.99	529.85	0.46
Bell-2-Gober	43573	25-EV	14929.00	228.57	238.33	236.25	238.85	0.008184	5.77	2587.21	524.43	0.46
Bell-2-Gober	43573	10-EV	7083.00	228.57	236.35	234.88	236.67	0.009228	4.52	1565.90	505.22	0.45
Bell-2-Gober	43573	5-EV	2457.00	228.57	234.20	233.06	234.46	0.017014	4.09	600.82	344.36	0.55
Bell-2-Gober	43573	2-EV	611.00	228.57	231.56	230.61	231.83	0.019764	4.19	145.68	64.81	0.49
Bell-2-Gober	43423	100-EV	20271.00	226.06	238.14	235.61	238.78	0.008645	6.40	3166.05	576.77	0.46
Bell-2-Gober	43423	50-EV	17838.00	226.06	237.69	235.30	238.27	0.008485	6.09	2931.27	567.82	0.45
Bell-2-Gober	43423	25-EV	14929.00	226.06	237.11	234.89	237.61	0.008252	5.67	2631.61	556.30	0.44
Bell-2-Gober	43423	10-EV	7083.00	226.06	235.15	233.29	235.44	0.007240	4.34	1631.24	500.29	0.42
Bell-2-Gober	43423	5-EV	2457.00	226.06	232.52	230.25	232.77	0.007921	4.02	611.64	197.22	0.40
Bell-2-Gober	43423	2-EV	611.00	226.06	229.89	228.35	229.99	0.007950	2.52	242.05	121.14	0.31
Bell-2-Gober	43273	100-EV	20271.00	226.00	236.45	234.74	237.24	0.012085	7.15	2833.34	600.77	0.56
Bell-2-Gober	43273	50-EV	17838.00	226.00	235.98	234.45	236.73	0.012443	6.93	2572.35	590.26	0.57
Bell-2-Gober	43273	25-EV	14929.00	226.00	235.38	234.06	236.07	0.012989	6.66	2241.15	577.70	0.58
Bell-2-Gober	43273	10-EV	7083.00	226.00	233.30	232.60	233.87	0.015767	6.09	1162.44	469.20	0.68
Bell-2-Gober	43273	5-EV	2457.00	226.00	230.95	229.12	231.33	0.011858	4.94	497.66	130.64	0.45
Bell-2-Gober	43273	2-EV	611.00	226.00	228.62	227.38	228.74	0.008873	2.75	221.85	104.69	0.33
Bell-2-Gober	43123	100-EV	20271.00	224.06	235.34	232.44	235.85	0.006574	5.75	3524.80	681.97	0.41
Bell-2-Gober	43123	50-EV	17838.00	224.06	234.87	232.13	235.34	0.006442	5.49	3249.17	639.88	0.41
Bell-2-Gober	43123	25-EV	14929.00	224.06	234.27	231.72	234.68	0.006233	5.14	2903.23	614.05	0.40
Bell-2-Gober	43123	10-EV	7083.00	224.06	232.29	230.30	232.53	0.005087	3.91	1813.62	527.62	0.37
Bell-2-Gober	43123	5-EV	2457.00	224.06	230.13	227.82	230.28	0.004095	3.10	793.06	375.26	0.38
Bell-2-Gober	43123	2-EV	611.00	224.06	227.39	226.47	227.49	0.007759	2.54	240.83	144.20	0.35
Bell-2-Gober	42973	100-EV	20271.00	224.00	234.33		234.78	0.007486	5.38	3766.51	639.52	0.39
Bell-2-Gober	42973	50-EV	17838.00	224.00	233.86		234.27	0.007595	5.15	3465.11	635.95	0.39
Bell-2-Gober	42973	25-EV	14929.00	224.00	233.26		233.62	0.007761	4.84	3084.50	631.41	0.39
Bell-2-Gober	42973	10-EV	7083.00	224.00	231.35		231.56	0.008274	3.73	1897.22	603.43	0.37
Bell-2-Gober	42973	5-EV	2457.00	224.00	229.39		229.50	0.006571	2.72	902.76	384.80	0.31
Bell-2-Gober	42973	2-EV	611.00	224.00	226.67		226.72	0.003474	1.85	329.83	150.52	0.22
Bell-2-Gober	42823	100-EV	20271.00	223.75	233.25		233.68	0.007177	5.23	3875.54	627.02	0.37
Bell-2-Gober	42823	50-EV	17838.00	223.75	232.76		233.15	0.007268	5.00	3569.93	624.67	0.37
Bell-2-Gober	42823	25-EV	14929.00	223.75	232.14		232.48	0.007396	4.69	3181.47	620.41	0.37
Bell-2-Gober	42823	10-EV	7083.00	223.75	230.12		230.33	0.008198	3.64	1947.02	601.53	0.36
Bell-2-Gober	42823	5-EV	2457.00	223.75	228.34		228.44	0.007709	2.54	967.34	476.96	0.31
Bell-2-Gober	42823	2-EV	611.00	223.75	225.68		225.80	0.013616	2.79	218.69	146.96	0.40
Bell-2-Gober	42673	100-EV	20271.00	222.00	232.26		232.67	0.006209	5.10	3975.66	642.89	0.36
Bell-2-Gober	42673	50-EV	17838.00	222.00	231.75		232.12	0.006348	4.89	3649.25	639.33	0.36
Bell-2-Gober	42673	25-EV	14929.00	222.00	231.10		231.43	0.006560	4.62	3232.80	632.38	0.36
Bell-2-Gober	42673	10-EV	7083.00	222.00	228.94		229.15	0.007511	3.70	1915.93	582.40	0.36
Bell-2-Gober	42673	5-EV	2457.00	222.00	226.95		227.08	0.010698	2.90	845.94	477.69	0.38
Bell-2-Gober	42673	2-EV	611.00	222.00	224.60		224.66	0.004688	1.97	309.64	175.98	0.26
Bell-2-Gober	42523	100-EV	20271.00	221.74	231.62		231.92	0.003744	4.41	4597.99	704.76	0.30
Bell-2-Gober	42523	50-EV	17838.00	221.74	231.10		231.38	0.003751	4.21	4232.19	697.36	0.30
Bell-2-Gober	42523	25-EV	14929.00	221.74	230.43		230.67	0.003772	3.96	3766.38	687.73	0.30
Bell-2-Gober	42523	10-EV	7083.00	221.74	228.20		228.35	0.003805	3.12	2272.71	653.34	0.29
Bell-2-Gober	42523	5-EV	2457.00	221.74	226.12		226.21	0.003564	2.38	1031.32	564.48	0.31
Bell-2-Gober	42523	2-EV	611.00	221.74	224.18		224.21	0.002018	1.47	415.41	196.14	0.18
Bell-2-Gober	42373	100-EV	20271.00	221.86	231.02		231.30	0.004520	4.29	4728.51	765.71	0.30
Bell-2-Gober	42373	50-EV	17838.00	221.86	230.49		230.75	0.004621	4.13	4323.28	755.60	0.30
Bell-2-Gober	42373	25-EV	14929.00	221.86	229.79		230.03	0.004837	3.92	3805.26	742.27	0.31
Bell-2-Gober	42373	10-EV	7083.00	221.86	227.43		227.61	0.006751	3.34	2119.60	676.13	0.33
Bell-2-Gober	42373	5-EV	2457.00	221.86	225.30		225.42	0.008513	2.71	907.52	473.71	0.34
Bell-2-Gober	42373	2-EV	611.00	221.86	223.49		223.59	0.012348	2.57	237.41	177.26	0.39
Bell-2-Gober	42223	100-EV	20271.00	220.00	230.41		230.71	0.003491	4.37	4640.84	781.63	0.32
Bell-2-Gober	42223	50-EV	17838.00	220.00	229.86		230.14	0.003582	4.23	4212.51	773.33	0.32
Bell-2-Gober	42223	25-EV	14929.00	220.00	229.13		229.39	0.003762	4.09	3654.31	757.82	0.33

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	42223	10-EV	7083.00	220.00	226.54		226.75	0.004841	3.64	1948.06	539.32	0.34
Bell-2-Gober	42223	5-EV	2457.00	220.00	224.43		224.53	0.004309	2.58	952.89	423.56	0.30
Bell-2-Gober	42223	2-EV	611.00	220.00	222.79		222.83	0.002622	1.62	376.65	198.62	0.21
Bell-2-Gober	42073	100-EV	20271.00	220.00	229.84		230.13	0.004279	4.29	4728.10	771.21	0.31
Bell-2-Gober	42073	50-EV	17838.00	220.00	229.27		229.54	0.004456	4.16	4292.16	757.60	0.31
Bell-2-Gober	42073	25-EV	14929.00	220.00	228.50		228.75	0.004870	4.02	3714.31	739.25	0.32
Bell-2-Gober	42073	10-EV	7083.00	220.00	225.74		225.95	0.005906	3.67	1929.45	511.84	0.33
Bell-2-Gober	42073	5-EV	2457.00	220.00	223.73		223.83	0.005147	2.50	980.93	418.84	0.29
Bell-2-Gober	42073	2-EV	611.00	220.00	222.35		222.38	0.003459	1.38	443.72	328.54	0.21
Bell-2-Gober	41923	100-EV	20271.00	219.24	229.25		229.53	0.003719	4.20	4829.43	752.97	0.29
Bell-2-Gober	41923	50-EV	17838.00	219.24	228.66		228.91	0.003899	4.07	4381.15	746.65	0.30
Bell-2-Gober	41923	25-EV	14929.00	219.24	227.81		228.06	0.004389	3.97	3757.31	726.96	0.31
Bell-2-Gober	41923	10-EV	7083.00	219.24	224.46		224.77	0.010647	4.47	1583.51	550.39	0.46
Bell-2-Gober	41923	5-EV	2457.00	219.24	221.84		222.19	0.034335	4.74	517.99	362.43	0.70
Bell-2-Gober	41923	2-EV	611.00	219.24	220.59	220.59	220.91	0.084759	4.57	133.58	211.50	1.01
Bell-2-Gober	41773	100-EV	20271.00	218.00	228.99		229.16	0.001500	3.27	6199.90	794.76	0.21
Bell-2-Gober	41773	50-EV	17838.00	218.00	228.39		228.54	0.001457	3.10	5748.66	732.29	0.20
Bell-2-Gober	41773	25-EV	14929.00	218.00	227.54		227.67	0.001439	2.91	5135.01	710.47	0.19
Bell-2-Gober	41773	10-EV	7083.00	218.00	224.02		224.13	0.001997	2.58	2750.37	629.16	0.22
Bell-2-Gober	41773	5-EV	2457.00	218.00	221.07		221.14	0.002628	2.05	1199.41	413.50	0.21
Bell-2-Gober	41773	2-EV	611.00	218.00	219.57		219.58	0.001612	1.03	591.22	395.28	0.15
Bell-2-Gober	41623	100-EV	20271.00	217.94	228.78		228.93	0.001468	3.13	6473.92	909.76	0.21
Bell-2-Gober	41623	50-EV	17838.00	217.94	228.18		228.32	0.001440	3.00	5936.14	896.07	0.21
Bell-2-Gober	41623	25-EV	14929.00	217.94	227.33		227.46	0.001443	2.86	5224.39	748.38	0.19
Bell-2-Gober	41623	10-EV	7083.00	217.94	223.70		223.81	0.002262	2.63	2695.88	627.78	0.22
Bell-2-Gober	41623	5-EV	2457.00	217.94	220.51		220.60	0.005000	2.46	1000.64	447.73	0.29
Bell-2-Gober	41623	2-EV	611.00	217.94	219.21		219.24	0.003516	1.31	464.72	396.30	0.21
Bell-2-Gober	41473	100-EV	20271.00	216.94	228.61		228.75	0.001008	3.03	6693.06	858.49	0.19
Bell-2-Gober	41473	50-EV	17838.00	216.94	228.02		228.15	0.000969	2.88	6191.48	843.74	0.19
Bell-2-Gober	41473	25-EV	14929.00	216.94	227.17		227.28	0.000946	2.72	5492.44	793.33	0.18
Bell-2-Gober	41473	10-EV	7083.00	216.94	223.47		223.55	0.001269	2.36	3006.73	614.91	0.19
Bell-2-Gober	41473	5-EV	2457.00	216.94	219.73		219.84	0.005245	2.66	922.31	462.28	0.33
Bell-2-Gober	41473	2-EV	611.00	216.94	218.20		218.28	0.015274	2.18	279.84	403.45	0.46
Bell-2-Gober	41323	100-EV	20271.00	216.00	228.42		228.56	0.001629	3.02	6705.03	790.43	0.18
Bell-2-Gober	41323	50-EV	17838.00	216.00	227.84		227.97	0.001512	2.85	6254.05	766.90	0.18
Bell-2-Gober	41323	25-EV	14929.00	216.00	227.00		227.11	0.001336	2.65	5632.17	717.07	0.17
Bell-2-Gober	41323	10-EV	7083.00	216.00	223.31		223.37	0.001076	2.07	3428.60	556.01	0.15
Bell-2-Gober	41323	5-EV	2457.00	216.00	219.35		219.40	0.001754	1.70	1445.39	463.87	0.17
Bell-2-Gober	41323	2-EV	611.00	216.00	217.20		217.22	0.003965	1.29	473.18	428.19	0.22
Bell-2-Gober	41173	100-EV	20271.00	214.15	228.18		228.32	0.001510	3.01	6725.74	733.13	0.18
Bell-2-Gober	41173	50-EV	17838.00	214.15	227.63		227.75	0.001328	2.82	6328.17	701.32	0.17
Bell-2-Gober	41173	25-EV	14929.00	214.15	226.82		226.93	0.001098	2.58	5785.00	649.13	0.15
Bell-2-Gober	41173	10-EV	7083.00	214.15	223.18		223.23	0.000774	1.89	3743.02	512.01	0.12
Bell-2-Gober	41173	5-EV	2457.00	214.15	219.15		219.18	0.001124	1.41	1736.91	486.68	0.13
Bell-2-Gober	41173	2-EV	611.00	214.15	216.31		216.35	0.009439	1.59	384.55	449.33	0.30
Bell-2-Gober	41024	100-EV	20271.00	214.00	228.10		228.18	0.000516	2.30	8800.30	739.34	0.12
Bell-2-Gober	41024	50-EV	17838.00	214.00	227.56		227.63	0.000455	2.12	8404.37	721.74	0.11
Bell-2-Gober	41024	25-EV	14929.00	214.00	226.77		226.82	0.000386	1.90	7842.04	699.48	0.10
Bell-2-Gober	41024	10-EV	7083.00	214.00	223.13		223.16	0.000283	1.32	5380.40	664.31	0.08
Bell-2-Gober	41024	5-EV	2457.00	214.00	219.09		219.10	0.000305	0.90	2742.87	639.55	0.08
Bell-2-Gober	41024	2-EV	611.00	214.00	215.67		215.69	0.002584	1.02	601.24	566.48	0.17
Bell-2-Gober	40873	100-EV	20271.00	212.35	228.06		228.11	0.000328	1.92	10567.32	798.85	0.09
Bell-2-Gober	40873	50-EV	17838.00	212.35	227.52		227.57	0.000287	1.76	10140.98	788.59	0.09
Bell-2-Gober	40873	25-EV	14929.00	212.35	226.73		226.77	0.000242	1.57	9526.87	775.52	0.08
Bell-2-Gober	40873	10-EV	7083.00	212.35	223.11		223.12	0.000160	1.04	6779.53	743.72	0.06
Bell-2-Gober	40873	5-EV	2457.00	212.35	219.06		219.07	0.000126	0.64	3811.21	723.84	0.05
Bell-2-Gober	40873	2-EV	611.00	212.35	215.59		215.60	0.000244	0.46	1337.99	700.34	0.06
Bell-2-Gober	40723	100-EV	20271.00	211.62	228.03	215.68	228.07	0.000206	1.73	11702.66	888.71	0.08
Bell-2-Gober	40723	50-EV	17838.00	211.62	227.49	215.45	227.53	0.000181	1.59	11232.74	872.01	0.08
Bell-2-Gober	40723	25-EV	14929.00	211.62	226.71	215.14	226.74	0.000153	1.41	10561.11	846.14	0.07
Bell-2-Gober	40723	10-EV	7083.00	211.62	223.09	214.18	223.11	0.000092	0.92	7666.14	771.70	0.05
Bell-2-Gober	40723	5-EV	2457.00	211.62	219.05	213.15	219.06	0.000058	0.53	4595.98	749.31	0.04
Bell-2-Gober	40723	2-EV	611.00	211.62	215.58	212.40	215.58	0.000048	0.30	2025.21	726.81	0.03
Bell-2-Gober	40573	100-EV	20271.00	211.53	227.99	215.47	228.04	0.000246	1.78	11381.40	847.11	0.09
Bell-2-Gober	40573	50-EV	17838.00	211.53	227.46	215.22	227.50	0.000213	1.63	10937.83	830.90	0.08
Bell-2-Gober	40573	25-EV	14929.00	211.53	226.68	214.91	226.72	0.000177	1.45	10301.96	807.21	0.07
Bell-2-Gober	40573	10-EV	7083.00	211.53	223.08	213.85	223.09	0.000101	0.94	7526.39	743.08	0.05
Bell-2-Gober	40573	5-EV	2457.00	211.53	219.04	212.91	219.05	0.000059	0.54	4586.47	716.17	0.04
Bell-2-Gober	40573	2-EV	611.00	211.53	215.57	212.27	215.57	0.000044	0.29	2138.77	692.21	0.03

HEC-RAS Plan: NoPA5 (Continued)

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
Bell-2-Gober	40423	100-EV	20271.00	211.96	227.93		227.99	0.000395	2.03	9979.94	826.53	0.10
Bell-2-Gober	40423	50-EV	17838.00	211.96	227.41		227.46	0.000347	1.87	9553.46	811.76	0.10
Bell-2-Gober	40423	25-EV	14929.00	211.96	226.64		226.68	0.000292	1.67	8940.35	786.07	0.09
Bell-2-Gober	40423	10-EV	7083.00	211.96	223.05		223.07	0.000157	1.10	6416.13	659.27	0.06
Bell-2-Gober	40423	5-EV	2457.00	211.96	219.03		219.04	0.000093	0.64	3852.18	618.86	0.05
Bell-2-Gober	40423	2-EV	611.00	211.96	215.56		215.57	0.000061	0.34	1807.14	561.79	0.03
Bell-2-Gober	40273	100-EV	20271.00	212.00	227.06		227.75	0.016065	6.65	3049.49	838.78	0.61
Bell-2-Gober	40273	50-EV	17838.00	212.00	226.48		227.23	0.020944	6.95	2565.90	805.42	0.69
Bell-2-Gober	40273	25-EV	14929.00	212.00	225.49		226.45	0.024606	7.86	1899.58	546.07	0.74
Bell-2-Gober	40273	10-EV	7083.00	212.00	221.98		222.91	0.007423	7.73	916.75	127.41	0.51
Bell-2-Gober	40273	5-EV	2457.00	212.00	218.64		218.96	0.003829	4.58	536.51	101.92	0.35
Bell-2-Gober	40273	2-EV	611.00	212.00	215.43		215.53	0.002727	2.57	237.83	84.17	0.27
Bell-2-Gober	40123	100-EV	20271.00	212.00	225.66		226.44	0.005423	7.08	2864.57	469.06	0.50
Bell-2-Gober	40123	50-EV	17838.00	212.00	225.11		225.83	0.005165	6.81	2618.78	429.72	0.49
Bell-2-Gober	40123	25-EV	14929.00	212.00	224.24		224.91	0.005108	6.58	2267.25	373.67	0.47
Bell-2-Gober	40123	10-EV	7083.00	212.00	221.55		221.96	0.003946	5.10	1389.81	282.61	0.41
Bell-2-Gober	40123	5-EV	2457.00	212.00	218.09		218.34	0.004162	4.06	605.49	172.99	0.38
Bell-2-Gober	40123	2-EV	611.00	212.00	215.07		215.15	0.002278	2.26	270.02	101.15	0.24
Bell-2-Gober	39973	100-EV	20271.00	212.00	224.97		225.60	0.005170	6.35	3194.75	596.43	0.48
Bell-2-Gober	39973	50-EV	17838.00	212.00	224.43		225.03	0.005078	6.19	2883.06	558.84	0.48
Bell-2-Gober	39973	25-EV	14929.00	212.00	223.53		224.11	0.005241	6.13	2436.80	433.36	0.46
Bell-2-Gober	39973	10-EV	7083.00	212.00	220.97		221.31	0.004524	4.71	1504.34	322.18	0.38
Bell-2-Gober	39973	5-EV	2457.00	212.00	217.42		217.70	0.004455	4.22	582.34	173.38	0.41
Bell-2-Gober	39973	2-EV	611.00	212.00	214.58		214.69	0.004288	2.71	225.84	104.42	0.32
Gober-2-Chiq	39524	100-EV	20280.00	210.00	223.02		223.36	0.004443	4.73	4284.49	761.66	0.35
Gober-2-Chiq	39524	50-EV	17859.00	210.00	222.43		222.77	0.004645	4.64	3850.88	729.88	0.36
Gober-2-Chiq	39524	25-EV	14904.00	210.00	221.51		221.84	0.004564	4.62	3224.48	598.16	0.35
Gober-2-Chiq	39524	10-EV	7033.00	210.00	218.80		219.04	0.005527	3.94	1786.17	477.22	0.36
Gober-2-Chiq	39524	5-EV	2469.00	210.00	215.33		215.53	0.005108	3.56	692.86	215.81	0.35
Gober-2-Chiq	39524	2-EV	614.00	210.00	212.55		212.66	0.004765	2.60	236.53	120.32	0.33
Gober-2-Chiq	39298	100-EV	21704.00	208.00	221.28		221.97	0.008422	6.67	3255.91	549.14	0.48
Gober-2-Chiq	39298	50-EV	19102.00	208.00	220.64		221.31	0.008843	6.55	2914.85	524.82	0.49
Gober-2-Chiq	39298	25-EV	15941.00	208.00	219.84		220.46	0.008028	6.31	2526.43	440.73	0.46
Gober-2-Chiq	39298	10-EV	7374.00	208.00	217.46		217.80	0.005400	4.61	1598.68	319.26	0.36
Gober-2-Chiq	39298	5-EV	2734.00	208.00	214.42		214.61	0.003382	3.52	775.97	194.13	0.31
Gober-2-Chiq	39298	2-EV	732.00	208.00	211.95		212.02	0.001929	2.00	365.33	145.46	0.22
Gober-2-Chiq	39147	100-EV	21704.00	208.00	219.77		220.54	0.010659	7.02	3091.37	516.84	0.51
Gober-2-Chiq	39147	50-EV	19102.00	208.00	218.99		219.77	0.011859	7.08	2698.58	485.43	0.53
Gober-2-Chiq	39147	25-EV	15941.00	208.00	218.33		219.02	0.011361	6.67	2390.01	457.77	0.51
Gober-2-Chiq	39147	10-EV	7374.00	208.00	216.28		216.67	0.010967	5.01	1472.06	432.05	0.48
Gober-2-Chiq	39147	5-EV	2734.00	208.00	213.55		213.84	0.008298	4.31	634.27	224.83	0.45
Gober-2-Chiq	39147	2-EV	732.00	208.00	211.39		211.52	0.006546	2.96	247.52	137.55	0.39
Gober-2-Chiq	38998	100-EV	21704.00	208.00	218.46		218.94	0.009624	5.54	3917.99	866.64	0.46
Gober-2-Chiq	38998	50-EV	19102.00	208.00	217.77		218.26	0.007755	5.63	3394.27	614.61	0.42
Gober-2-Chiq	38998	25-EV	15941.00	208.00	217.06		217.51	0.008266	5.38	2964.65	603.60	0.43
Gober-2-Chiq	38998	10-EV	7374.00	208.00	214.87		215.16	0.008910	4.35	1696.48	525.87	0.43
Gober-2-Chiq	38998	5-EV	2734.00	208.00	212.10		212.38	0.011634	4.30	635.68	265.33	0.49
Gober-2-Chiq	38998	2-EV	732.00	208.00	210.10		210.26	0.011391	3.18	230.01	154.46	0.46
Gober-2-Chiq	38848	100-EV	21704.00	206.00	217.58		217.88	0.004948	4.42	4905.44	921.85	0.34
Gober-2-Chiq	38848	50-EV	19102.00	206.00	216.96		217.26	0.005238	4.39	4351.90	863.35	0.34
Gober-2-Chiq	38848	25-EV	15941.00	206.00	216.23		216.51	0.005020	4.24	3762.87	761.32	0.34
Gober-2-Chiq	38848	10-EV	7374.00	206.00	213.92		214.11	0.005401	3.48	2120.75	621.95	0.33
Gober-2-Chiq	38848	5-EV	2734.00	206.00	210.83		211.03	0.006945	3.57	765.24	295.85	0.39
Gober-2-Chiq	38848	2-EV	732.00	206.00	208.22		208.40	0.013468	3.43	213.15	162.68	0.53
Gober-2-Chiq	38665	100-EV	21704.00	204.00	216.51		216.90	0.005701	5.03	4317.40	764.70	0.37
Gober-2-Chiq	38665	50-EV	19102.00	204.00	215.89		216.27	0.005504	4.95	3860.94	689.07	0.37
Gober-2-Chiq	38665	25-EV	15941.00	204.00	215.15		215.50	0.005990	4.75	3356.80	681.58	0.38
Gober-2-Chiq	38665	10-EV	7374.00	204.00	212.64		212.91	0.007870	4.22	1746.81	552.81	0.42
Gober-2-Chiq	38665	5-EV	2734.00	204.00	209.89		210.06	0.004118	3.38	808.45	247.03	0.33
Gober-2-Chiq	38665	2-EV	732.00	204.00	207.50		207.57	0.002120	2.22	330.40	121.46	0.24
Gober-2-Chiq	38398	100-EV	21704.00	204.00	215.48		215.84	0.002883	4.77	4553.29	756.13	0.34
Gober-2-Chiq	38398	50-EV	19102.00	204.00	214.86		215.20	0.002968	4.67	4091.41	727.38	0.35
Gober-2-Chiq	38398	25-EV	15941.00	204.00	214.06		214.38	0.003071	4.53	3520.65	694.49	0.35
Gober-2-Chiq	38398	10-EV	7374.00	204.00	211.34		211.59	0.003359	4.06	1815.21	426.96	0.35
Gober-2-Chiq	38398	5-EV	2734.00	204.00	208.64		208.82	0.005289	3.40	804.65	326.18	0.38
Gober-2-Chiq	38398	2-EV	732.00	204.00	206.53		206.63	0.006951	2.58	283.97	202.93	0.38
Gober-2-Chiq	38173	100-EV	21704.00	202.00	214.61		215.07	0.003928	5.49	3952.96	667.98	0.40
Gober-2-Chiq	38173	50-EV	19102.00	202.00	213.95		214.41	0.004105	5.42	3521.90	608.10	0.40
Gober-2-Chiq	38173	25-EV	15941.00	202.00	213.11		213.55	0.004383	5.27	3022.60	593.13	0.41
Gober-2-Chiq	38173	10-EV	7374.00	202.00	210.19		210.61	0.005668	5.18	1422.65	386.72	0.48

HEC-RAS Plan: NoPA5 (Continued)

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
Gober-2-Chiq	38173	5-EV	2734.00	202.00	207.27		207.55	0.005872	4.26	641.04	189.24	0.41
Gober-2-Chiq	38173	2-EV	732.00	202.00	205.01		205.13	0.006389	2.84	258.07	149.96	0.38
Gober-2-Chiq	38023	100-EV	21704.00	202.00	213.94		214.47	0.004079	5.86	3702.69	573.17	0.41
Gober-2-Chiq	38023	50-EV	19102.00	202.00	213.27		213.78	0.004218	5.75	3324.76	559.53	0.42
Gober-2-Chiq	38023	25-EV	15941.00	202.00	212.39		212.88	0.004422	5.61	2842.39	544.68	0.43
Gober-2-Chiq	38023	10-EV	7374.00	202.00	209.42		209.85	0.004567	5.25	1403.92	300.64	0.43
Gober-2-Chiq	38023	5-EV	2734.00	202.00	206.59		206.82	0.004030	3.78	723.31	192.28	0.34
Gober-2-Chiq	38023	2-EV	732.00	202.00	204.06		204.17	0.006433	2.66	275.64	165.98	0.36
Gober-2-Chiq	37873	100-EV	21704.00	200.00	213.25		213.84	0.004289	6.12	3548.72	482.44	0.40
Gober-2-Chiq	37873	50-EV	19102.00	200.00	212.60		213.14	0.004272	5.90	3236.89	468.86	0.40
Gober-2-Chiq	37873	25-EV	15941.00	200.00	211.74		212.23	0.004245	5.61	2839.89	459.68	0.40
Gober-2-Chiq	37873	10-EV	7374.00	200.00	208.86		209.20	0.003833	4.70	1568.74	408.97	0.42
Gober-2-Chiq	37873	5-EV	2734.00	200.00	206.15		206.32	0.002590	3.27	835.87	202.30	0.28
Gober-2-Chiq	37873	2-EV	732.00	200.00	203.62		203.67	0.001909	1.87	391.73	154.78	0.21
Gober-2-Chiq	37722	100-EV	21704.00	200.00	212.61		213.18	0.004378	6.07	3573.12	516.84	0.41
Gober-2-Chiq	37722	50-EV	19102.00	200.00	211.95		212.49	0.004310	5.88	3246.76	482.38	0.40
Gober-2-Chiq	37722	25-EV	15941.00	200.00	211.11		211.59	0.004224	5.60	2847.45	461.80	0.40
Gober-2-Chiq	37722	10-EV	7374.00	200.00	208.26		208.60	0.004098	4.66	1582.64	428.06	0.43
Gober-2-Chiq	37722	5-EV	2734.00	200.00	205.68		205.88	0.003279	3.56	768.23	211.30	0.33
Gober-2-Chiq	37722	2-EV	732.00	200.00	203.25		203.33	0.002741	2.22	329.26	149.18	0.26
Gober-2-Chiq	37498	100-EV	21704.00	200.00	211.83		212.26	0.003505	5.26	4130.06	509.50	0.33
Gober-2-Chiq	37498	50-EV	19102.00	200.00	211.18		211.57	0.003529	5.03	3800.84	505.53	0.32
Gober-2-Chiq	37498	25-EV	15941.00	200.00	210.33		210.68	0.003582	4.73	3373.52	499.61	0.32
Gober-2-Chiq	37498	10-EV	7374.00	200.00	207.33		207.57	0.004876	3.88	1901.63	483.00	0.34
Gober-2-Chiq	37498	5-EV	2734.00	200.00	204.85		205.01	0.004503	3.13	872.45	319.61	0.33
Gober-2-Chiq	37498	2-EV	732.00	200.00	202.47		202.57	0.004272	2.42	302.93	165.84	0.32
Gober-2-Chiq	37185	100-EV	21704.00	198.00	210.54		210.94	0.005115	5.10	4254.68	457.23	0.29
Gober-2-Chiq	37185	50-EV	19102.00	198.00	209.91		210.27	0.004952	4.81	3968.57	452.67	0.29
Gober-2-Chiq	37185	25-EV	15941.00	198.00	209.09		209.39	0.004721	4.43	3599.00	443.57	0.27
Gober-2-Chiq	37185	10-EV	7374.00	198.00	205.79		205.97	0.005285	3.40	2171.93	426.78	0.27
Gober-2-Chiq	37185	5-EV	2734.00	198.00	203.18		203.28	0.006862	2.54	1078.07	391.43	0.27
Gober-2-Chiq	37185	2-EV	732.00	198.00	201.15		201.19	0.004533	1.67	438.20	202.72	0.20
Gober-2-Chiq	37081	100-EV	21704.00	197.94	209.90		210.39	0.005268	5.63	3855.56	425.50	0.33
Gober-2-Chiq	37081	50-EV	19102.00	197.94	209.30		209.74	0.005074	5.30	3601.59	423.67	0.32
Gober-2-Chiq	37081	25-EV	15941.00	197.94	208.52		208.89	0.004820	4.88	3269.48	421.28	0.31
Gober-2-Chiq	37081	10-EV	7374.00	197.94	205.15		205.39	0.005731	3.92	1881.92	386.18	0.31
Gober-2-Chiq	37081	5-EV	2734.00	197.94	202.35		202.49	0.008225	3.05	896.79	336.93	0.33
Gober-2-Chiq	37081	2-EV	732.00	197.94	200.36		200.44	0.012910	2.26	324.50	227.95	0.33
Gober-2-Chiq	36981	100-EV	21704.00	196.00	209.21		209.81	0.006300	6.18	3512.55	448.17	0.39
Gober-2-Chiq	36981	50-EV	19102.00	196.00	208.64		209.17	0.006105	5.87	3255.25	446.25	0.38
Gober-2-Chiq	36981	25-EV	15941.00	196.00	207.88		208.35	0.005803	5.46	2919.93	442.20	0.37
Gober-2-Chiq	36981	10-EV	7374.00	196.00	204.48		204.79	0.006218	4.43	1664.80	293.23	0.33
Gober-2-Chiq	36981	5-EV	2734.00	196.00	201.48		201.66	0.008249	3.41	802.86	267.03	0.35
Gober-2-Chiq	36981	2-EV	732.00	196.00	199.42		199.51	0.007113	2.31	317.09	179.29	0.31
Gober-2-Chiq	36880	100-EV	21704.00	196.00	208.49		209.13	0.007080	6.44	3370.14	473.59	0.43
Gober-2-Chiq	36880	50-EV	19102.00	196.00	207.92		208.51	0.007197	6.17	3098.35	472.18	0.42
Gober-2-Chiq	36880	25-EV	15941.00	196.00	207.16		207.69	0.007446	5.81	2743.21	470.34	0.42
Gober-2-Chiq	36880	10-EV	7374.00	196.00	203.71		204.14	0.006402	5.28	1397.81	239.97	0.39
Gober-2-Chiq	36880	5-EV	2734.00	196.00	200.75		200.97	0.005917	3.70	739.27	212.62	0.35
Gober-2-Chiq	36880	2-EV	732.00	196.00	198.82		198.90	0.005200	2.17	337.97	201.37	0.29
Gober-2-Chiq	36780	100-EV	21704.00	196.00	207.80		208.44	0.006774	6.40	3393.73	500.34	0.43
Gober-2-Chiq	36780	50-EV	19102.00	196.00	207.19		207.79	0.007112	6.18	3090.28	498.86	0.44
Gober-2-Chiq	36780	25-EV	15941.00	196.00	206.36		206.91	0.007928	5.96	2675.85	496.86	0.45
Gober-2-Chiq	36780	10-EV	7374.00	196.00	202.96		203.45	0.007229	5.64	1307.02	274.64	0.46
Gober-2-Chiq	36780	5-EV	2734.00	196.00	200.16		200.41	0.005197	4.00	683.74	201.72	0.38
Gober-2-Chiq	36780	2-EV	732.00	196.00	198.34		198.42	0.004333	2.27	322.77	195.39	0.31
Gober-2-Chiq	36680	100-EV	21704.00	195.82	207.13		207.85	0.005037	6.79	3198.35	476.24	0.46
Gober-2-Chiq	36680	50-EV	19102.00	195.82	206.51		207.18	0.005041	6.58	2903.99	474.38	0.47
Gober-2-Chiq	36680	25-EV	15941.00	195.82	205.63		206.27	0.005199	6.41	2486.46	471.74	0.49
Gober-2-Chiq	36680	10-EV	7374.00	195.82	202.18		202.75	0.006565	6.09	1210.55	266.08	0.50
Gober-2-Chiq	36680	5-EV	2734.00	195.82	199.58		199.84	0.006000	4.15	658.89	204.69	0.41
Gober-2-Chiq	36680	2-EV	732.00	195.82	197.87		197.96	0.004882	2.33	314.30	199.99	0.33
Gober-2-Chiq	36579	100-EV	21704.00	195.56	206.53		207.20	0.007979	6.57	3301.39	517.87	0.46
Gober-2-Chiq	36579	50-EV	19102.00	195.56	205.90		206.54	0.007995	6.41	2982.18	488.13	0.46
Gober-2-Chiq	36579	25-EV	15941.00	195.56	204.95		205.57	0.009378	6.31	2524.67	477.07	0.48
Gober-2-Chiq	36579	10-EV	7374.00	195.56	201.49		202.00	0.008215	5.71	1290.82	275.47	0.47
Gober-2-Chiq	36579	5-EV	2734.00	195.56	198.92		199.19	0.007001	4.15	658.01	223.42	0.43
Gober-2-Chiq	36579	2-EV	732.00	195.56	197.25		197.35	0.007466	2.54	288.45	218.07	0.39
Gober-2-Chiq	36478	100-EV	21704.00	194.00	205.70		206.30	0.009638	6.22	3486.76	647.32	0.47

HEC-RAS Plan: NoPA5 (Continued)

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
Gober-2-Chiq	36478	50-EV	19102.00	194.00	204.93		205.57	0.011906	6.37	2996.97	636.24	0.52
Gober-2-Chiq	36478	25-EV	15941.00	194.00	203.95		204.64	0.008938	6.68	2387.56	412.66	0.49
Gober-2-Chiq	36478	10-EV	7374.00	194.00	200.71		201.21	0.007398	5.65	1305.90	261.51	0.45
Gober-2-Chiq	36478	5-EV	2734.00	194.00	198.22		198.48	0.007128	4.02	680.49	234.81	0.42
Gober-2-Chiq	36478	2-EV	732.00	194.00	196.58		196.67	0.006123	2.39	306.36	209.26	0.35
Gober-2-Chiq	36375	100-EV	21704.00	194.00	204.25		205.04	0.015638	7.12	3046.30	674.24	0.59
Gober-2-Chiq	36375	50-EV	19102.00	194.00	203.54		204.34	0.011672	7.17	2662.60	472.98	0.53
Gober-2-Chiq	36375	25-EV	15941.00	194.00	202.85		203.57	0.012233	6.81	2340.59	466.22	0.54
Gober-2-Chiq	36375	10-EV	7374.00	194.00	199.86		200.38	0.008749	5.79	1273.20	261.71	0.46
Gober-2-Chiq	36375	5-EV	2734.00	194.00	197.40		197.67	0.008590	4.17	655.80	230.74	0.44
Gober-2-Chiq	36375	2-EV	732.00	194.00	195.44		195.62	0.019899	3.33	220.11	210.94	0.57
Gober-2-Chiq	36277	100-EV	21704.00	192.00	203.29		204.08	0.006592	7.14	3038.24	619.68	0.57
Gober-2-Chiq	36277	50-EV	19102.00	192.00	202.70		203.48	0.006623	7.08	2698.71	568.97	0.57
Gober-2-Chiq	36277	25-EV	15941.00	192.00	201.97		202.73	0.006352	6.95	2294.04	390.57	0.51
Gober-2-Chiq	36277	10-EV	7374.00	192.00	199.28		199.71	0.005050	5.31	1388.89	280.27	0.42
Gober-2-Chiq	36277	5-EV	2734.00	192.00	196.96		197.14	0.003428	3.39	805.62	231.69	0.32
Gober-2-Chiq	36277	2-EV	732.00	192.00	195.06		195.11	0.002084	1.83	399.36	200.83	0.23
Gober-2-Chiq	36174	100-EV	21704.00	191.99	202.74		203.36	0.006330	6.34	3424.81	836.54	0.55
Gober-2-Chiq	36174	50-EV	19102.00	191.99	202.12		202.77	0.006470	6.48	2945.77	639.03	0.53
Gober-2-Chiq	36174	25-EV	15941.00	191.99	201.41		202.03	0.006410	6.31	2524.35	575.24	0.53
Gober-2-Chiq	36174	10-EV	7374.00	191.99	198.74		199.14	0.005875	5.06	1457.44	335.27	0.43
Gober-2-Chiq	36174	5-EV	2734.00	191.99	196.53		196.72	0.004833	3.45	791.41	265.57	0.35
Gober-2-Chiq	36174	2-EV	732.00	191.99	194.70		194.78	0.005436	2.23	327.79	248.33	0.34
Gober-2-Chiq	36073	100-EV	21704.00	192.00	202.19		202.66	0.006833	5.50	3947.14	937.31	0.47
Gober-2-Chiq	36073	50-EV	19102.00	192.00	201.56		202.04	0.006974	5.56	3432.91	751.16	0.46
Gober-2-Chiq	36073	25-EV	15941.00	192.00	200.83		201.29	0.007266	5.48	2906.52	689.19	0.47
Gober-2-Chiq	36073	10-EV	7374.00	192.00	198.19		198.50	0.006389	4.48	1647.79	379.61	0.38
Gober-2-Chiq	36073	5-EV	2734.00	192.00	196.09		196.23	0.004659	3.01	909.19	346.45	0.33
Gober-2-Chiq	36073	2-EV	732.00	192.00	194.27		194.32	0.003770	1.96	374.29	288.65	0.30
Gober-2-Chiq	35973	100-EV	21704.00	191.10	201.45		201.98	0.006644	5.80	3741.09	718.89	0.45
Gober-2-Chiq	35973	50-EV	19102.00	191.10	200.82		201.34	0.006934	5.78	3304.81	650.78	0.45
Gober-2-Chiq	35973	25-EV	15941.00	191.10	200.09		200.57	0.007101	5.61	2843.23	606.00	0.46
Gober-2-Chiq	35973	10-EV	7374.00	191.10	197.53		197.85	0.006470	4.56	1618.82	377.32	0.39
Gober-2-Chiq	35973	5-EV	2734.00	191.10	195.57		195.72	0.005614	3.09	883.72	371.66	0.35
Gober-2-Chiq	35973	2-EV	732.00	191.10	193.73		193.84	0.006242	2.68	273.44	186.19	0.39
Gober-2-Chiq	35865	100-EV	21704.00	190.00	200.57	197.22	201.21	0.007240	6.41	3387.40	589.98	0.42
Gober-2-Chiq	35865	50-EV	19102.00	190.00	199.97	196.83	200.56	0.007433	6.15	3105.29	479.95	0.42
Gober-2-Chiq	35865	25-EV	15941.00	190.00	199.28	196.34	199.79	0.007362	5.72	2786.13	460.97	0.41
Gober-2-Chiq	35865	10-EV	7374.00	190.00	196.77	194.79	197.07	0.007917	4.44	1660.86	422.22	0.39
Gober-2-Chiq	35865	5-EV	2734.00	190.00	194.87	193.25	195.01	0.007518	3.04	898.49	386.76	0.35
Gober-2-Chiq	35865	2-EV	732.00	190.00	193.15	191.52	193.21	0.005127	2.06	354.64	223.77	0.29
Gober-2-Chiq	35758	100-EV	21704.00	189.44	199.39	196.53	200.21	0.012030	7.27	2985.33	581.06	0.53
Gober-2-Chiq	35758	50-EV	19102.00	189.44	198.70	196.14	199.51	0.012751	7.24	2639.74	516.53	0.54
Gober-2-Chiq	35758	25-EV	15941.00	189.44	198.02	195.64	198.75	0.012705	6.86	2325.26	469.42	0.53
Gober-2-Chiq	35758	10-EV	7374.00	189.44	195.73	194.07	196.12	0.009854	5.03	1465.66	371.10	0.45
Gober-2-Chiq	35758	5-EV	2734.00	189.44	193.94	192.76	194.12	0.009392	3.39	805.83	358.37	0.40
Gober-2-Chiq	35758	2-EV	732.00	189.44	192.09	190.92	192.24	0.020295	3.11	235.38	213.63	0.52
Gober-2-Chiq	35661	100-EV	21704.00	188.00	198.36	195.43	199.12	0.010183	7.00	3101.27	562.81	0.50
Gober-2-Chiq	35661	50-EV	19102.00	188.00	197.72	195.06	198.45	0.009087	6.84	2791.78	467.52	0.48
Gober-2-Chiq	35661	25-EV	15941.00	188.00	197.08	194.60	197.71	0.008720	6.34	2512.40	437.65	0.46
Gober-2-Chiq	35661	10-EV	7374.00	188.00	194.95	193.11	195.27	0.007446	4.54	1624.31	409.41	0.40
Gober-2-Chiq	35661	5-EV	2734.00	188.00	193.20	191.42	193.34	0.006767	2.99	914.09	401.68	0.35
Gober-2-Chiq	35661	2-EV	732.00	188.00	191.21	189.81	191.30	0.005445	2.40	304.46	161.56	0.31
Gober-2-Chiq	35556	100-EV	21704.00	188.00	197.53	194.49	198.17	0.007630	6.42	3380.92	593.73	0.46
Gober-2-Chiq	35556	50-EV	19102.00	188.00	196.94	194.15	197.55	0.007560	6.22	3068.99	559.08	0.45
Gober-2-Chiq	35556	25-EV	15941.00	188.00	196.35	193.72	196.87	0.006848	5.76	2769.84	525.10	0.43
Gober-2-Chiq	35556	10-EV	7374.00	188.00	194.34	192.36	194.60	0.005374	4.04	1826.14	463.15	0.36
Gober-2-Chiq	35556	5-EV	2734.00	188.00	192.65	190.60	192.75	0.004624	2.61	1045.69	456.10	0.30
Gober-2-Chiq	35556	2-EV	732.00	188.00	190.92	189.04	190.96	0.002043	1.62	453.20	240.57	0.21
Gober-2-Chiq	35449	100-EV	21704.00	188.00	196.23	194.37	197.08	0.013548	7.41	2930.23	639.17	0.59
Gober-2-Chiq	35449	50-EV	19102.00	188.00	195.72	194.05	196.53	0.011714	7.21	2649.81	544.33	0.56
Gober-2-Chiq	35449	25-EV	15941.00	188.00	195.24	193.58	195.92	0.011248	6.64	2402.06	538.21	0.54
Gober-2-Chiq	35449	10-EV	7374.00	188.00	193.45	192.11	193.82	0.009714	4.92	1498.56	467.83	0.48
Gober-2-Chiq	35449	5-EV	2734.00	188.00	191.90	190.87	192.08	0.008615	3.38	808.05	418.14	0.43
Gober-2-Chiq	35449	2-EV	732.00	188.00	190.43	189.40	190.53	0.010512	2.52	290.70	278.55	0.43
Gober-2-Chiq	35351	100-EV	21704.00	188.00	194.34	193.49	195.43	0.021134	8.36	2594.95	670.73	0.73
Gober-2-Chiq	35351	50-EV	19102.00	188.00	193.98	193.16	194.99	0.021586	8.07	2367.86	625.13	0.73
Gober-2-Chiq	35351	25-EV	15941.00	188.00	193.51	192.72	194.42	0.021494	7.68	2076.32	598.18	0.73
Gober-2-Chiq	35351	10-EV	7374.00	188.00	191.97	191.25	192.52	0.018820	5.96	1237.12	488.86	0.66
Gober-2-Chiq	35351	5-EV	2734.00	188.00	190.59	189.83	190.88	0.018554	4.35	628.47	396.38	0.61

HEC-RAS Plan: NoPA5 (Continued)

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
Gober-2-Chiq	35351	2-EV	732.00	188.00	189.31	188.78	189.43	0.012088	2.82	259.56	217.36	0.45
Chiq-2-Oso	35120	100-EV	21935.00	185.94	193.37	191.39	193.95	0.007659	6.11	3590.41	711.61	0.48
Chiq-2-Oso	35120	50-EV	19301.00	185.94	192.98	191.14	193.51	0.007723	5.83	3312.66	709.90	0.48
Chiq-2-Oso	35120	25-EV	16101.00	185.94	192.48	190.82	192.94	0.007785	5.44	2959.64	707.82	0.47
Chiq-2-Oso	35120	10-EV	7391.00	185.94	190.89	189.57	191.14	0.007890	4.02	1839.07	701.75	0.44
Chiq-2-Oso	35120	5-EV	2763.00	185.94	189.60	188.59	189.72	0.006287	2.77	997.65	555.71	0.36
Chiq-2-Oso	35120	2-EV	724.00	185.94	188.40	187.19	188.46	0.006361	1.83	394.94	425.62	0.34
Chiq-2-Oso	35014	100-EV	21935.00	186.00	192.69	190.54	193.20	0.006208	5.73	3831.14	750.97	0.45
Chiq-2-Oso	35014	50-EV	19301.00	186.00	192.28	190.28	192.75	0.006299	5.47	3527.41	748.27	0.44
Chiq-2-Oso	35014	25-EV	16101.00	186.00	191.77	189.97	192.18	0.006397	5.12	3143.16	745.07	0.44
Chiq-2-Oso	35014	10-EV	7391.00	186.00	190.15	188.93	190.38	0.006492	3.80	1946.84	735.62	0.41
Chiq-2-Oso	35014	5-EV	2763.00	186.00	188.98	188.10	189.08	0.005657	2.52	1097.69	711.09	0.36
Chiq-2-Oso	35014	2-EV	724.00	186.00	187.37	186.92	187.49	0.013699	2.84	255.36	263.87	0.51
Chiq-2-Oso	34912	100-EV	21935.00	184.00	192.05	189.92	192.55	0.006392	5.71	3841.81	765.26	0.45
Chiq-2-Oso	34912	50-EV	19301.00	184.00	191.62	189.67	192.09	0.006592	5.48	3521.05	755.61	0.45
Chiq-2-Oso	34912	25-EV	16101.00	184.00	191.08	189.36	191.50	0.006882	5.17	3112.77	753.61	0.45
Chiq-2-Oso	34912	10-EV	7391.00	184.00	189.36	188.35	189.62	0.008484	4.05	1823.21	747.18	0.46
Chiq-2-Oso	34912	5-EV	2763.00	184.00	188.13	186.77	188.27	0.011717	3.04	907.81	730.54	0.48
Chiq-2-Oso	34912	2-EV	724.00	184.00	186.51	185.50	186.59	0.005977	2.21	327.42	246.64	0.34
Chiq-2-Oso	34804	100-EV	21935.00	184.00	191.45	188.85	191.89	0.005587	5.38	4080.80	728.51	0.40
Chiq-2-Oso	34804	50-EV	19301.00	184.00	191.01	188.60	191.42	0.005634	5.13	3763.66	726.11	0.40
Chiq-2-Oso	34804	25-EV	16101.00	184.00	190.45	188.27	190.81	0.005686	4.79	3360.55	723.51	0.39
Chiq-2-Oso	34804	10-EV	7391.00	184.00	188.63	187.17	188.84	0.006102	3.60	2051.02	715.87	0.38
Chiq-2-Oso	34804	5-EV	2763.00	184.00	187.29	186.28	187.39	0.005859	2.49	1111.53	654.79	0.34
Chiq-2-Oso	34804	2-EV	724.00	184.00	185.76	184.88	185.84	0.008332	2.29	316.80	235.84	0.35
Chiq-2-Oso	34699	100-EV	21935.00	182.00	190.78	188.35	191.26	0.006467	5.59	3925.10	715.06	0.42
Chiq-2-Oso	34699	50-EV	19301.00	182.00	190.33	188.09	190.77	0.006621	5.35	3606.37	713.82	0.42
Chiq-2-Oso	34699	25-EV	16101.00	182.00	189.76	187.71	190.15	0.006837	5.03	3200.20	712.33	0.42
Chiq-2-Oso	34699	10-EV	7391.00	182.00	187.84	186.61	188.09	0.008219	4.01	1842.98	676.90	0.43
Chiq-2-Oso	34699	5-EV	2763.00	182.00	186.42	185.22	186.57	0.010933	3.04	908.71	642.45	0.45
Chiq-2-Oso	34699	2-EV	724.00	182.00	185.05	184.18	185.11	0.005851	2.04	354.25	259.34	0.31
Chiq-2-Oso	34603	100-EV	21935.00	182.00	190.38	188.72	190.72	0.004269	4.70	4662.10	786.46	0.34
Chiq-2-Oso	34603	50-EV	19301.00	182.00	189.92	188.23	190.23	0.004303	4.49	4300.97	784.34	0.34
Chiq-2-Oso	34603	25-EV	16101.00	182.00	189.33	187.60	189.60	0.004327	4.19	3841.85	780.90	0.33
Chiq-2-Oso	34603	10-EV	7391.00	182.00	187.29	185.46	187.46	0.005029	3.25	2272.23	758.81	0.33
Chiq-2-Oso	34603	5-EV	2763.00	182.00	185.78	184.87	185.87	0.004903	2.40	1153.02	643.48	0.32
Chiq-2-Oso	34603	2-EV	724.00	182.00	184.52	184.57	184.57	0.005546	1.64	440.82	481.87	0.30
Chiq-2-Oso	34503	100-EV	21935.00	182.00	189.89	186.80	190.26	0.004910	4.85	4522.43	799.20	0.36
Chiq-2-Oso	34503	50-EV	19301.00	182.00	189.42	186.53	189.76	0.005065	4.66	4146.29	798.26	0.36
Chiq-2-Oso	34503	25-EV	16101.00	182.00	188.82	186.19	189.12	0.005291	4.39	3666.62	797.05	0.36
Chiq-2-Oso	34503	10-EV	7391.00	182.00	186.77	185.08	186.95	0.004970	3.43	2157.66	689.69	0.34
Chiq-2-Oso	34503	5-EV	2763.00	182.00	185.30	184.25	185.39	0.004805	2.36	1171.78	651.68	0.31
Chiq-2-Oso	34503	2-EV	724.00	182.00	183.94	182.96	184.01	0.005588	2.04	354.40	304.68	0.33
Chiq-2-Oso	34398	100-EV	21935.00	182.00	189.38	187.72	189.74	0.005026	4.81	4560.86	825.78	0.36
Chiq-2-Oso	34398	50-EV	19301.00	182.00	188.88	187.22	189.22	0.005310	4.65	4150.38	824.44	0.37
Chiq-2-Oso	34398	25-EV	16101.00	182.00	188.23	186.54	188.54	0.005826	4.45	3615.71	822.72	0.37
Chiq-2-Oso	34398	10-EV	7391.00	182.00	186.15	184.35	186.35	0.006561	3.66	2020.78	716.47	0.38
Chiq-2-Oso	34398	5-EV	2763.00	182.00	184.70	183.80	184.80	0.006557	2.62	1056.14	634.06	0.36
Chiq-2-Oso	34398	2-EV	724.00	182.00	183.07	183.17	183.17	0.012056	2.47	293.54	339.42	0.47
Chiq-2-Oso	34296	100-EV	21935.00	180.00	188.97	187.31	189.31	0.003421	4.66	4703.99	763.30	0.33
Chiq-2-Oso	34296	50-EV	19301.00	180.00	188.46	186.77	188.77	0.003524	4.48	4312.88	761.72	0.33
Chiq-2-Oso	34296	25-EV	16101.00	180.00	187.78	186.06	188.06	0.003723	4.24	3796.11	758.26	0.33
Chiq-2-Oso	34296	10-EV	7391.00	180.00	185.60	183.78	185.78	0.004712	3.40	2172.14	723.87	0.35
Chiq-2-Oso	34296	5-EV	2763.00	180.00	184.12	182.22	184.22	0.004940	2.43	1137.67	649.84	0.32
Chiq-2-Oso	34296	2-EV	724.00	180.00	182.41	182.46	182.46	0.004334	1.77	409.36	340.12	0.28
Chiq-2-Oso	34194	100-EV	21935.00	180.00	188.49	186.83	188.91	0.004433	5.17	4246.21	764.18	0.39
Chiq-2-Oso	34194	50-EV	19301.00	180.00	187.96	186.25	188.35	0.004617	5.02	3841.58	732.70	0.39
Chiq-2-Oso	34194	25-EV	16101.00	180.00	187.26	185.54	187.62	0.004943	4.83	3335.51	700.33	0.39
Chiq-2-Oso	34194	10-EV	7391.00	180.00	184.92	183.18	185.18	0.007363	4.11	1796.28	640.10	0.43
Chiq-2-Oso	34194	5-EV	2763.00	180.00	183.44	181.59	183.59	0.007881	3.09	892.94	523.77	0.42
Chiq-2-Oso	34194	2-EV	724.00	180.00	181.75	181.87	181.87	0.008030	2.81	257.31	168.18	0.40
Chiq-2-Oso	34095	100-EV	21935.00	178.21	188.12	186.46	188.50	0.003653	4.97	4414.93	737.51	0.36
Chiq-2-Oso	34095	50-EV	19301.00	178.21	187.57	185.86	187.93	0.003773	4.81	4016.54	724.65	0.36
Chiq-2-Oso	34095	25-EV	16101.00	178.21	186.83	185.12	187.17	0.004038	4.62	3488.80	705.82	0.37
Chiq-2-Oso	34095	10-EV	7391.00	178.21	184.28	182.53	184.53	0.005844	3.95	1868.89	593.70	0.39
Chiq-2-Oso	34095	5-EV	2763.00	178.21	182.62	180.76	182.76	0.008702	3.06	903.93	568.91	0.43
Chiq-2-Oso	34095	2-EV	724.00	178.21	181.09	181.16	181.16	0.006016	2.24	323.59	252.93	0.35
Chiq-2-Oso	33992	100-EV	21935.00	178.00	187.80	186.14	188.14	0.003149	4.69	4676.32	716.81	0.32
Chiq-2-Oso	33992	50-EV	19301.00	178.00	187.24	185.56	187.56	0.003243	4.51	4279.96	712.14	0.32

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	33992	25-EV	16101.00	178.00	186.48		186.77	0.003490	4.31	3738.29	705.47	0.33
Chiq-2-Oso	33992	10-EV	7391.00	178.00	183.76		183.98	0.004693	3.73	1980.41	575.00	0.35
Chiq-2-Oso	33992	5-EV	2763.00	178.00	181.94		182.07	0.005357	2.86	965.92	466.20	0.35
Chiq-2-Oso	33992	2-EV	724.00	178.00	180.55		180.60	0.004900	1.86	390.26	371.19	0.32
Chiq-2-Oso	33878	100-EV	21935.00	178.00	187.45		187.79	0.003003	4.64	4727.39	706.32	0.32
Chiq-2-Oso	33878	50-EV	19301.00	178.00	186.89		187.20	0.003070	4.46	4330.51	701.37	0.32
Chiq-2-Oso	33878	25-EV	16101.00	178.00	186.10		186.38	0.003293	4.26	3777.66	694.30	0.32
Chiq-2-Oso	33878	10-EV	7391.00	178.00	183.24		183.45	0.004517	3.75	1970.03	550.70	0.35
Chiq-2-Oso	33878	5-EV	2763.00	178.00	181.13		181.30	0.008649	3.25	851.04	508.36	0.44
Chiq-2-Oso	33878	2-EV	724.00	178.00	179.55		179.72	0.013377	3.26	221.80	162.74	0.49
Chiq-2-Oso	33773	100-EV	21935.00	176.00	187.11		187.46	0.003216	4.75	4615.18	712.24	0.33
Chiq-2-Oso	33773	50-EV	19301.00	176.00	186.53		186.86	0.003285	4.59	4209.11	705.88	0.33
Chiq-2-Oso	33773	25-EV	16101.00	176.00	185.73		186.03	0.003243	4.40	3657.20	655.55	0.33
Chiq-2-Oso	33773	10-EV	7391.00	176.00	182.86		183.06	0.003074	3.59	2058.95	449.47	0.30
Chiq-2-Oso	33773	5-EV	2763.00	176.00	180.63		180.73	0.003473	2.60	1061.47	443.49	0.30
Chiq-2-Oso	33773	2-EV	724.00	176.00	179.02		179.07	0.003231	1.75	413.92	345.66	0.28
Chiq-2-Oso	33669	100-EV	21935.00	176.00	186.61		187.03	0.005303	5.16	4249.90	731.78	0.38
Chiq-2-Oso	33669	50-EV	19301.00	176.00	186.01		186.41	0.005885	5.07	3805.47	728.39	0.39
Chiq-2-Oso	33669	25-EV	16101.00	176.00	185.20		185.58	0.005897	4.95	3255.01	652.86	0.39
Chiq-2-Oso	33669	10-EV	7391.00	176.00	182.40		182.65	0.004973	4.08	1811.78	440.05	0.35
Chiq-2-Oso	33669	5-EV	2763.00	176.00	180.08		180.24	0.006537	3.21	860.58	374.16	0.37
Chiq-2-Oso	33669	2-EV	724.00	176.00	178.37		178.46	0.013260	2.48	292.37	325.17	0.46
Chiq-2-Oso	33568	100-EV	21935.00	174.00	186.12		186.56	0.004060	5.34	4104.57	688.21	0.39
Chiq-2-Oso	33568	50-EV	19301.00	174.00	185.50		185.92	0.004012	5.20	3712.55	615.07	0.37
Chiq-2-Oso	33568	25-EV	16101.00	174.00	184.71		185.09	0.004021	4.97	3239.42	584.53	0.37
Chiq-2-Oso	33568	10-EV	7391.00	174.00	181.96		182.21	0.003891	4.03	1834.38	426.42	0.34
Chiq-2-Oso	33568	5-EV	2763.00	174.00	179.59		179.74	0.003910	3.01	919.35	335.41	0.32
Chiq-2-Oso	33568	2-EV	724.00	174.00	177.66		177.73	0.004545	2.22	326.77	262.75	0.35
Chiq-2-Oso	33458	100-EV	21935.00	174.00	185.50	181.55	186.06	0.004880	6.01	3650.21	472.17	0.38
Chiq-2-Oso	33458	50-EV	19301.00	174.00	184.92	181.09	185.42	0.004839	5.71	3377.75	468.65	0.38
Chiq-2-Oso	33458	25-EV	16101.00	174.00	184.16	180.50	184.60	0.004783	5.32	3026.92	464.09	0.37
Chiq-2-Oso	33458	10-EV	7391.00	174.00	181.48	178.68	181.74	0.004719	4.08	1812.73	414.00	0.34
Chiq-2-Oso	33458	5-EV	2763.00	174.00	179.19	177.08	179.31	0.003619	2.80	985.73	330.07	0.29
Chiq-2-Oso	33458	2-EV	724.00	174.00	177.31	175.82	177.35	0.002585	1.67	432.78	238.20	0.22
Chiq-2-Oso	33352	100-EV	22830.00	174.00	184.82	181.08	185.44	0.006858	6.31	3618.42	487.23	0.41
Chiq-2-Oso	33352	50-EV	20098.00	174.00	184.25	180.70	184.81	0.006806	6.01	3341.54	481.88	0.40
Chiq-2-Oso	33352	25-EV	16768.00	174.00	183.51	180.19	184.00	0.006724	5.61	2987.62	475.19	0.39
Chiq-2-Oso	33352	10-EV	7544.00	174.00	180.92	178.30	181.19	0.005759	4.14	1822.43	414.17	0.35
Chiq-2-Oso	33352	5-EV	2859.00	174.00	178.74	176.88	178.87	0.004895	2.85	1003.56	349.03	0.30
Chiq-2-Oso	33352	2-EV	746.00	174.00	176.97	175.48	177.01	0.004190	1.69	442.14	284.01	0.24
Chiq-2-Oso	33244	100-EV	22830.00	174.00	184.15	180.18	184.73	0.006123	6.08	3753.22	537.16	0.38
Chiq-2-Oso	33244	50-EV	20098.00	174.00	183.60	179.82	184.11	0.005959	5.76	3487.95	473.44	0.37
Chiq-2-Oso	33244	25-EV	16768.00	174.00	182.88	179.33	183.32	0.005714	5.32	3149.75	467.70	0.36
Chiq-2-Oso	33244	10-EV	7544.00	174.00	180.40	177.73	180.61	0.004677	3.74	2017.25	442.96	0.31
Chiq-2-Oso	33244	5-EV	2859.00	174.00	178.25	176.46	178.36	0.004541	2.60	1098.57	411.56	0.28
Chiq-2-Oso	33244	2-EV	746.00	174.00	176.43	175.24	176.48	0.005759	1.74	428.24	331.96	0.27
Chiq-2-Oso	33144	100-EV	22830.00	173.69	183.58		184.15	0.005461	6.03	3788.84	586.23	0.42
Chiq-2-Oso	33144	50-EV	20098.00	173.69	183.01		183.53	0.005600	5.82	3451.48	583.26	0.42
Chiq-2-Oso	33144	25-EV	16768.00	173.69	182.26		182.74	0.005800	5.56	3016.28	579.40	0.43
Chiq-2-Oso	33144	10-EV	7544.00	173.69	179.71		180.06	0.006286	4.73	1595.57	461.55	0.45
Chiq-2-Oso	33144	5-EV	2859.00	173.69	177.66		177.83	0.005944	3.31	864.49	319.10	0.35
Chiq-2-Oso	33144	2-EV	746.00	173.69	175.75		175.85	0.006897	2.48	300.53	193.09	0.35
Chiq-2-Oso	33046	100-EV	22830.00	172.00	183.07		183.63	0.005098	5.97	3824.90	568.60	0.41
Chiq-2-Oso	33046	50-EV	20098.00	172.00	182.48		183.00	0.005239	5.76	3490.39	565.75	0.41
Chiq-2-Oso	33046	25-EV	16768.00	172.00	181.72		182.18	0.005460	5.48	3057.16	561.31	0.41
Chiq-2-Oso	33046	10-EV	7544.00	172.00	179.10		179.43	0.006533	4.61	1636.70	490.61	0.44
Chiq-2-Oso	33046	5-EV	2859.00	172.00	176.96		177.16	0.007844	3.61	791.78	324.60	0.41
Chiq-2-Oso	33046	2-EV	746.00	172.00	174.89		175.02	0.010505	2.92	255.65	182.34	0.43
Chiq-2-Oso	32945	100-EV	22830.00	172.00	182.71		183.17	0.003675	5.44	4193.47	554.12	0.35
Chiq-2-Oso	32945	50-EV	20098.00	172.00	182.11		182.53	0.003668	5.20	3865.63	551.26	0.35
Chiq-2-Oso	32945	25-EV	16768.00	172.00	181.34		181.71	0.003659	4.87	3440.47	547.62	0.34
Chiq-2-Oso	32945	10-EV	7544.00	172.00	178.70		178.92	0.003600	3.75	2014.42	530.12	0.34
Chiq-2-Oso	32945	5-EV	2859.00	172.00	176.50		176.63	0.003557	2.93	976.99	391.59	0.33
Chiq-2-Oso	32945	2-EV	746.00	172.00	174.39		174.44	0.003401	1.87	399.34	226.16	0.25
Chiq-2-Oso	32844	100-EV	22830.00	171.88	182.22		182.76	0.004259	5.88	3879.49	503.81	0.37
Chiq-2-Oso	32844	50-EV	20098.00	171.88	181.64		182.13	0.004213	5.60	3588.47	501.23	0.37
Chiq-2-Oso	32844	25-EV	16768.00	171.88	180.89		181.31	0.004149	5.22	3210.64	497.78	0.36
Chiq-2-Oso	32844	10-EV	7544.00	171.88	178.30		178.54	0.003870	3.89	1940.14	486.08	0.34
Chiq-2-Oso	32844	5-EV	2859.00	171.88	176.08		176.24	0.004193	3.17	901.82	402.56	0.37
Chiq-2-Oso	32844	2-EV	746.00	171.88	173.82		173.93	0.008232	2.58	288.77	198.43	0.38

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	32744	100-EV	22830.00	170.00	181.57		182.24	0.006172	6.54	3489.33	466.90	0.42
Chiq-2-Oso	32744	50-EV	20098.00	170.00	181.01		181.61	0.006160	6.23	3227.19	465.04	0.42
Chiq-2-Oso	32744	25-EV	16768.00	170.00	180.27		180.80	0.006166	5.81	2885.59	462.61	0.41
Chiq-2-Oso	32744	10-EV	7544.00	170.00	177.74		178.04	0.006527	4.36	1729.24	448.11	0.39
Chiq-2-Oso	32744	5-EV	2859.00	170.00	175.54		175.73	0.006219	3.46	826.19	301.59	0.37
Chiq-2-Oso	32744	2-EV	746.00	170.00	173.10		173.21	0.006254	2.71	275.35	142.28	0.34
Chiq-2-Oso	32643	100-EV	22830.00	170.00	181.04		181.64	0.005293	6.23	3665.07	470.10	0.39
Chiq-2-Oso	32643	50-EV	20098.00	170.00	180.48		181.02	0.005216	5.91	3402.92	468.29	0.39
Chiq-2-Oso	32643	25-EV	16768.00	170.00	179.75		180.22	0.005121	5.48	3060.61	465.89	0.38
Chiq-2-Oso	32643	10-EV	7544.00	170.00	177.21		177.46	0.004847	3.99	1892.25	448.82	0.34
Chiq-2-Oso	32643	5-EV	2859.00	170.00	175.00		175.14	0.005263	2.97	963.80	384.26	0.33
Chiq-2-Oso	32643	2-EV	746.00	170.00	172.64		172.71	0.003797	2.12	351.39	178.58	0.27
Chiq-2-Oso	32544	100-EV	22830.00	170.00	180.45		181.09	0.005731	6.43	3548.81	477.82	0.42
Chiq-2-Oso	32544	50-EV	20098.00	170.00	179.90		180.48	0.005655	6.12	3286.60	476.28	0.41
Chiq-2-Oso	32544	25-EV	16768.00	170.00	179.18		179.68	0.005555	5.70	2943.38	474.27	0.40
Chiq-2-Oso	32544	10-EV	7544.00	170.00	176.67		176.95	0.005197	4.28	1763.52	467.26	0.39
Chiq-2-Oso	32544	5-EV	2859.00	170.00	174.50		174.65	0.004578	3.11	919.67	332.48	0.33
Chiq-2-Oso	32544	2-EV	746.00	170.00	172.23		172.30	0.004602	2.14	348.51	196.56	0.28
Chiq-2-Oso	32497	100-EV	22830.00	170.00	180.17		180.82	0.005907	6.43	3552.05	491.60	0.42
Chiq-2-Oso	32497	50-EV	20098.00	170.00	179.62		180.21	0.005861	6.12	3282.48	489.48	0.42
Chiq-2-Oso	32497	25-EV	16768.00	170.00	178.90		179.41	0.005805	5.72	2930.26	486.59	0.41
Chiq-2-Oso	32497	10-EV	7544.00	170.00	176.40		176.70	0.005643	4.37	1725.36	470.28	0.40
Chiq-2-Oso	32497	5-EV	2859.00	170.00	174.24		174.41	0.005789	3.25	878.35	361.61	0.37
Chiq-2-Oso	32497	2-EV	746.00	170.00	171.98		172.06	0.005317	2.32	321.24	181.24	0.31
Chiq-2-Oso	32454	100-EV	22830.00	169.27	179.93		180.55	0.006274	6.33	3606.34	498.54	0.41
Chiq-2-Oso	32454	50-EV	20098.00	169.27	179.38		179.94	0.006283	6.03	3332.72	496.67	0.41
Chiq-2-Oso	32454	25-EV	16768.00	169.27	178.65		179.15	0.006334	5.64	2974.33	494.22	0.41
Chiq-2-Oso	32454	10-EV	7544.00	169.27	176.14		176.43	0.006702	4.29	1759.17	460.93	0.39
Chiq-2-Oso	32454	5-EV	2859.00	169.27	173.98		174.14	0.006598	3.19	897.56	360.74	0.36
Chiq-2-Oso	32454	2-EV	746.00	169.27	171.64		171.76	0.009725	2.72	273.94	181.06	0.39
Chiq-2-Oso	32349	100-EV	22830.00	168.00	179.42		179.95	0.004814	5.82	3923.04	531.18	0.38
Chiq-2-Oso	32349	50-EV	20098.00	168.00	178.87		179.35	0.004757	5.54	3630.30	529.45	0.37
Chiq-2-Oso	32349	25-EV	16768.00	168.00	178.15		178.56	0.004623	5.16	3250.62	520.45	0.36
Chiq-2-Oso	32349	10-EV	7544.00	168.00	175.68		175.90	0.003747	3.72	2030.50	447.38	0.31
Chiq-2-Oso	32349	5-EV	2859.00	168.00	173.55		173.65	0.003276	2.53	1128.94	383.14	0.26
Chiq-2-Oso	32349	2-EV	746.00	168.00	171.20		171.26	0.002672	1.84	405.35	195.10	0.23
Chiq-2-Oso	32249	100-EV	22830.00	168.00	178.93		179.46	0.004979	5.84	3910.30	531.69	0.38
Chiq-2-Oso	32249	50-EV	20098.00	168.00	178.38		178.86	0.004957	5.55	3619.87	529.75	0.37
Chiq-2-Oso	32249	25-EV	16768.00	168.00	177.66		178.08	0.004935	5.17	3242.60	527.15	0.37
Chiq-2-Oso	32249	10-EV	7544.00	168.00	175.23		175.46	0.005074	3.83	1970.93	517.15	0.35
Chiq-2-Oso	32249	5-EV	2859.00	168.00	173.14		173.27	0.004444	2.86	1000.38	371.41	0.31
Chiq-2-Oso	32249	2-EV	746.00	168.00	170.87		170.93	0.003909	2.10	355.36	188.22	0.27
Chiq-2-Oso	32149	100-EV	22830.00	167.52	177.62	174.27	178.21	0.005942	6.13	3725.75	520.73	0.40
Chiq-2-Oso	32149	50-EV	20098.00	167.52	177.09	173.94	177.62	0.005876	5.83	3449.98	518.45	0.40
Chiq-2-Oso	32149	25-EV	16768.00	167.52	176.40	173.49	176.86	0.005782	5.42	3091.81	515.46	0.39
Chiq-2-Oso	32149	10-EV	7544.00	167.52	174.00	171.85	174.25	0.005489	4.03	1870.30	499.50	0.37
Chiq-2-Oso	32149	5-EV	2859.00	167.52	172.04	170.05	172.18	0.005120	3.02	946.82	437.29	0.36
Chiq-2-Oso	32149	2-EV	746.00	167.52	169.94	168.75	170.01	0.004238	2.09	357.41	204.29	0.28
Chiq-2-Oso	32067		Bridge									
Chiq-2-Oso	31822	100-EV	22830.00	166.00	175.81	172.49	176.42	0.006197	6.26	3644.92	556.90	0.41
Chiq-2-Oso	31822	50-EV	20098.00	166.00	175.31	172.15	175.86	0.006044	5.92	3396.96	553.95	0.40
Chiq-2-Oso	31822	25-EV	16768.00	166.00	174.67	171.72	175.13	0.005828	5.45	3074.20	549.89	0.39
Chiq-2-Oso	31822	10-EV	7544.00	166.00	172.29	170.30	172.54	0.005711	3.97	1899.01	532.58	0.36
Chiq-2-Oso	31822	5-EV	2859.00	166.00	170.17	168.01	170.34	0.010100	3.25	880.21	507.77	0.42
Chiq-2-Oso	31822	2-EV	746.00	166.00	167.88	166.83	167.95	0.004829	2.18	341.49	208.32	0.29
Chiq-2-Oso	31649	100-EV	22830.00	164.00	174.75	171.70	175.31	0.005826	5.98	3818.39	590.48	0.41
Chiq-2-Oso	31649	50-EV	20098.00	164.00	174.28	171.37	174.78	0.005720	5.68	3538.39	586.72	0.41
Chiq-2-Oso	31649	25-EV	16768.00	164.00	173.66	170.96	174.09	0.005539	5.27	3178.92	581.40	0.40
Chiq-2-Oso	31649	10-EV	7544.00	164.00	171.18	168.68	171.46	0.006204	4.23	1782.34	537.86	0.41
Chiq-2-Oso	31649	5-EV	2859.00	164.00	169.00	167.16	169.17	0.004522	3.26	877.93	283.27	0.33
Chiq-2-Oso	31649	2-EV	746.00	164.00	167.25	165.81	167.30	0.002730	1.79	417.00	242.82	0.24
Chiq-2-Oso	31548	100-EV	22830.00	164.00	174.04		174.67	0.006752	6.36	3589.89	615.51	0.46
Chiq-2-Oso	31548	50-EV	20098.00	164.00	173.57		174.15	0.006736	6.09	3301.65	610.03	0.46
Chiq-2-Oso	31548	25-EV	16768.00	164.00	172.97		173.48	0.006654	5.71	2936.82	603.32	0.46
Chiq-2-Oso	31548	10-EV	7544.00	164.00	170.45		170.79	0.006889	4.69	1607.98	435.34	0.43
Chiq-2-Oso	31548	5-EV	2859.00	164.00	168.48		168.66	0.005720	3.36	852.01	369.47	0.39
Chiq-2-Oso	31548	2-EV	746.00	164.00	166.90		166.96	0.004331	2.02	369.45	269.32	0.30
Chiq-2-Oso	31440	100-EV	22830.00	164.00	173.12		173.85	0.008475	6.83	3343.57	630.97	0.52

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	31440	50-EV	20098.00	164.00	172.63		173.32	0.008721	6.62	3036.65	620.22	0.53
Chiq-2-Oso	31440	25-EV	16768.00	164.00	172.02		172.64	0.008918	6.30	2662.43	607.89	0.53
Chiq-2-Oso	31440	10-EV	7544.00	164.00	169.48		169.93	0.009230	5.37	1405.71	398.37	0.50
Chiq-2-Oso	31440	5-EV	2859.00	164.00	167.61		167.87	0.009377	4.06	703.44	301.04	0.47
Chiq-2-Oso	31440	2-EV	746.00	164.00	166.05		166.19	0.013704	2.96	252.07	279.20	0.55
Chiq-2-Oso	31337	100-EV	22830.00	162.00	172.50		173.05	0.006300	5.95	3836.20	732.11	0.46
Chiq-2-Oso	31337	50-EV	20098.00	162.00	172.00		172.52	0.006173	5.77	3482.09	663.54	0.44
Chiq-2-Oso	31337	25-EV	16768.00	162.00	171.36		171.83	0.006319	5.48	3061.23	659.51	0.45
Chiq-2-Oso	31337	10-EV	7544.00	162.00	168.84		169.16	0.005614	4.53	1663.67	452.37	0.42
Chiq-2-Oso	31337	5-EV	2859.00	162.00	167.06		167.21	0.004257	3.09	924.23	339.14	0.33
Chiq-2-Oso	31337	2-EV	746.00	162.00	165.41		165.46	0.004109	1.84	405.97	303.50	0.28
Chiq-2-Oso	31231	100-EV	22830.00	161.97	171.81		172.32	0.007161	5.72	3993.14	728.12	0.43
Chiq-2-Oso	31231	50-EV	20098.00	161.97	171.29		171.77	0.007636	5.56	3617.81	723.06	0.44
Chiq-2-Oso	31231	25-EV	16768.00	161.97	170.60		171.05	0.008334	5.37	3124.10	702.88	0.45
Chiq-2-Oso	31231	10-EV	7544.00	161.97	168.18		168.47	0.007232	4.36	1730.00	487.06	0.41
Chiq-2-Oso	31231	5-EV	2859.00	161.97	166.40		166.57	0.009203	3.23	886.19	471.52	0.41
Chiq-2-Oso	31231	2-EV	746.00	161.97	164.86		164.93	0.006082	2.08	359.42	277.21	0.32
Chiq-2-Oso	31131	100-EV	22830.00	162.00	171.19		171.69	0.005581	5.69	4014.63	701.08	0.42
Chiq-2-Oso	31131	50-EV	20098.00	162.00	170.66		171.13	0.005563	5.50	3652.77	659.06	0.41
Chiq-2-Oso	31131	25-EV	16768.00	162.00	169.96		170.38	0.005429	5.22	3213.25	606.85	0.40
Chiq-2-Oso	31131	10-EV	7544.00	162.00	167.59		167.85	0.005303	4.05	1862.21	541.39	0.39
Chiq-2-Oso	31131	5-EV	2859.00	162.00	165.72		165.87	0.005456	3.05	936.42	374.28	0.34
Chiq-2-Oso	31131	2-EV	746.00	162.00	164.31		164.36	0.005210	1.79	416.74	356.37	0.29
Chiq-2-Oso	31022	100-EV	22830.00	162.00	170.47		171.04	0.006257	6.03	3785.31	728.08	0.47
Chiq-2-Oso	31022	50-EV	20098.00	162.00	169.93		170.47	0.006322	5.92	3397.12	642.06	0.45
Chiq-2-Oso	31022	25-EV	16768.00	162.00	169.23		169.73	0.006529	5.66	2965.11	604.53	0.45
Chiq-2-Oso	31022	10-EV	7544.00	162.00	166.84		167.18	0.007047	4.62	1633.66	524.65	0.46
Chiq-2-Oso	31022	5-EV	2859.00	162.00	164.97		165.16	0.007731	3.47	824.70	358.50	0.40
Chiq-2-Oso	31022	2-EV	746.00	162.00	163.54		163.62	0.008969	2.26	329.69	296.72	0.38
Chiq-2-Oso	30920	100-EV	22830.00	159.65	169.84		170.36	0.006866	5.79	3945.16	682.99	0.42
Chiq-2-Oso	30920	50-EV	20098.00	159.65	169.29		169.78	0.007041	5.63	3571.45	657.97	0.43
Chiq-2-Oso	30920	25-EV	16768.00	159.65	168.58		169.03	0.006968	5.37	3125.04	615.10	0.42
Chiq-2-Oso	30920	10-EV	7544.00	159.65	166.22		166.48	0.006294	4.06	1857.84	519.11	0.38
Chiq-2-Oso	30920	5-EV	2859.00	159.65	164.32		164.45	0.006023	2.96	967.24	425.88	0.35
Chiq-2-Oso	30920	2-EV	746.00	159.65	162.82		162.88	0.005921	1.84	404.87	361.85	0.31
Chiq-2-Oso	30812	100-EV	22830.00	160.00	169.10		169.66	0.006013	6.01	3796.41	656.92	0.44
Chiq-2-Oso	30812	50-EV	20098.00	160.00	168.51		169.05	0.006395	5.89	3412.12	645.82	0.45
Chiq-2-Oso	30812	25-EV	16768.00	160.00	167.76		168.27	0.006934	5.71	2936.71	618.78	0.46
Chiq-2-Oso	30812	10-EV	7544.00	160.00	165.24		165.63	0.009459	5.01	1505.02	490.38	0.50
Chiq-2-Oso	30812	5-EV	2859.00	160.00	163.35		163.59	0.010657	3.93	727.33	343.33	0.48
Chiq-2-Oso	30812	2-EV	746.00	160.00	161.84		161.98	0.012036	3.00	248.58	186.98	0.46
Chiq-2-Oso	30711	100-EV	22830.00	158.00	168.62		169.08	0.004859	5.46	4178.97	643.61	0.38
Chiq-2-Oso	30711	50-EV	20098.00	158.00	168.00		168.44	0.005110	5.31	3782.61	634.34	0.38
Chiq-2-Oso	30711	25-EV	16768.00	158.00	167.21		167.61	0.005462	5.09	3294.69	605.43	0.38
Chiq-2-Oso	30711	10-EV	7544.00	158.00	164.59		164.85	0.005884	4.08	1848.13	504.40	0.38
Chiq-2-Oso	30711	5-EV	2859.00	158.00	162.72		162.85	0.004971	2.80	1019.55	406.39	0.31
Chiq-2-Oso	30711	2-EV	746.00	158.00	160.87		160.95	0.008543	2.21	337.06	310.84	0.37
Chiq-2-Oso	30609	100-EV	22830.00	158.00	168.10		168.58	0.005075	5.55	4110.53	646.96	0.39
Chiq-2-Oso	30609	50-EV	20098.00	158.00	167.45		167.91	0.005390	5.41	3713.06	602.34	0.38
Chiq-2-Oso	30609	25-EV	16768.00	158.00	166.62		167.04	0.005746	5.21	3220.56	585.41	0.39
Chiq-2-Oso	30609	10-EV	7544.00	158.00	163.95		164.22	0.006594	4.15	1818.74	487.45	0.38
Chiq-2-Oso	30609	5-EV	2859.00	158.00	162.11		162.25	0.007012	2.98	958.99	442.74	0.36
Chiq-2-Oso	30609	2-EV	746.00	158.00	160.24		160.30	0.004948	1.95	383.45	250.48	0.28
Chiq-2-Oso	30509	100-EV	22830.00	156.45	167.40		167.97	0.007034	6.09	3745.97	617.87	0.44
Chiq-2-Oso	30509	50-EV	20098.00	156.45	166.68		167.25	0.007738	6.06	3315.24	590.50	0.45
Chiq-2-Oso	30509	25-EV	16768.00	156.45	165.80		166.35	0.008281	5.94	2820.77	498.19	0.44
Chiq-2-Oso	30509	10-EV	7544.00	156.45	163.00		163.38	0.010800	4.92	1532.55	435.80	0.46
Chiq-2-Oso	30509	5-EV	2859.00	156.45	161.04		161.27	0.014211	3.89	734.63	361.28	0.48
Chiq-2-Oso	30509	2-EV	746.00	156.45	159.35		159.49	0.015220	2.99	249.81	185.58	0.45
Chiq-2-Oso	30395	100-EV	22830.00	155.39	166.79		167.28	0.005079	5.60	4076.56	662.88	0.40
Chiq-2-Oso	30395	50-EV	20098.00	155.39	165.99		166.49	0.005636	5.65	3559.88	634.47	0.42
Chiq-2-Oso	30395	25-EV	16768.00	155.39	165.01		165.51	0.006399	5.70	2940.88	619.32	0.46
Chiq-2-Oso	30395	10-EV	7544.00	155.39	161.93		162.31	0.008245	4.93	1530.53	378.20	0.43
Chiq-2-Oso	30395	5-EV	2859.00	155.39	159.85		160.06	0.008273	3.70	772.87	297.64	0.40
Chiq-2-Oso	30395	2-EV	746.00	155.39	158.07		158.17	0.009170	2.55	292.65	240.12	0.41
Chiq-2-Oso	30287	100-EV	22830.00	154.00	166.32		166.73	0.004531	5.14	4442.58	712.59	0.36
Chiq-2-Oso	30287	50-EV	20098.00	154.00	165.48		165.89	0.004915	5.18	3883.04	639.01	0.37
Chiq-2-Oso	30287	25-EV	16768.00	154.00	164.40		164.83	0.005849	5.23	3207.68	616.58	0.40
Chiq-2-Oso	30287	10-EV	7544.00	154.00	161.03		161.39	0.008674	4.82	1564.56	379.79	0.42
Chiq-2-Oso	30287	5-EV	2859.00	154.00	158.86		159.08	0.010045	3.69	774.85	333.15	0.43

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	30287	2-EV	746.00	154.00	157.19		157.28	0.007464	2.45	304.02	209.75	0.36
Chiq-2-Oso	30148	100-EV	22830.00	152.18	165.82		166.21	0.003159	4.98	4580.47	489.16	0.29
Chiq-2-Oso	30148	50-EV	20098.00	152.18	164.96		165.32	0.003319	4.83	4162.09	484.94	0.29
Chiq-2-Oso	30148	25-EV	16768.00	152.18	163.84		164.17	0.003608	4.63	3620.18	480.07	0.30
Chiq-2-Oso	30148	10-EV	7544.00	152.18	160.08		160.34	0.006231	4.08	1849.95	460.28	0.36
Chiq-2-Oso	30148	5-EV	2859.00	152.18	157.17		157.44	0.013825	4.23	676.07	320.42	0.51
Chiq-2-Oso	30148	2-EV	746.00	152.18	154.93		155.31	0.035210	4.92	151.59	136.13	0.82
Chiq-2-Oso	30015	100-EV	22830.00	150.00	165.44	158.53	165.83	0.002436	5.04	4529.37	496.86	0.26
Chiq-2-Oso	30015	50-EV	20098.00	150.00	164.58	157.98	164.94	0.002441	4.79	4193.51	480.19	0.26
Chiq-2-Oso	30015	25-EV	16768.00	150.00	163.46	157.39	163.77	0.002466	4.47	3750.13	451.69	0.26
Chiq-2-Oso	30015	10-EV	7544.00	150.00	159.62	155.42	159.80	0.002652	3.36	2244.25	420.26	0.24
Chiq-2-Oso	30015	5-EV	2859.00	150.00	156.68	153.89	156.77	0.002281	2.39	1197.89	349.94	0.22
Chiq-2-Oso	30015	2-EV	746.00	150.00	154.29	152.43	154.33	0.002652	1.55	480.84	304.72	0.21
Chiq-2-Oso	29779	100-EV	22830.00	150.00	164.57	158.02	165.06	0.004471	5.63	4056.65	578.53	0.31
Chiq-2-Oso	29779	50-EV	20098.00	150.00	163.71	157.55	164.17	0.004521	5.41	3713.22	563.95	0.31
Chiq-2-Oso	29779	25-EV	16768.00	150.00	162.58	156.94	162.98	0.004578	5.12	3272.40	507.23	0.31
Chiq-2-Oso	29779	10-EV	7544.00	150.00	158.77	155.03	159.00	0.004413	3.83	1969.69	374.41	0.27
Chiq-2-Oso	29779	5-EV	2859.00	150.00	155.93	153.11	156.04	0.004360	2.64	1082.52	342.95	0.25
Chiq-2-Oso	29779	2-EV	746.00	150.00	153.61	151.43	153.65	0.003149	1.70	439.24	215.17	0.19
Chiq-2-Oso	29607	100-EV	22830.00	150.00	162.70	158.23	163.74	0.011332	8.20	2782.66	268.82	0.45
Chiq-2-Oso	29607	50-EV	20098.00	150.00	161.90	157.72	162.85	0.011341	7.82	2569.61	268.82	0.45
Chiq-2-Oso	29607	25-EV	16768.00	150.00	160.85	157.03	161.69	0.011241	7.33	2288.22	263.26	0.44
Chiq-2-Oso	29607	10-EV	7544.00	150.00	157.28	154.62	157.76	0.011863	5.53	1365.40	254.05	0.42
Chiq-2-Oso	29607	5-EV	2859.00	150.00	154.65	152.91	154.88	0.010923	3.84	744.27	225.62	0.37
Chiq-2-Oso	29607	2-EV	746.00	150.00	152.73	151.31	152.81	0.008556	2.22	335.94	197.67	0.30
Chiq-2-Oso	29516.5		Bridge									
Chiq-2-Oso	29426	100-EV	22830.00	148.00	160.33	156.30	161.45	0.007894	8.52	2679.81	269.95	0.48
Chiq-2-Oso	29426	50-EV	20098.00	148.00	159.52	155.55	160.56	0.007967	8.16	2463.24	269.95	0.48
Chiq-2-Oso	29426	25-EV	16768.00	148.00	158.47	154.75	159.39	0.008126	7.70	2178.89	269.95	0.48
Chiq-2-Oso	29426	10-EV	7544.00	148.00	154.78	152.25	155.34	0.008121	6.03	1251.28	220.62	0.45
Chiq-2-Oso	29426	5-EV	2859.00	148.00	151.92	150.43	152.23	0.008814	4.42	646.92	202.98	0.44
Chiq-2-Oso	29426	2-EV	746.00	148.00	149.68	149.04	149.84	0.012788	3.24	230.22	155.92	0.47
Chiq-2-Oso	29339	100-EV	22830.00	145.78	159.22	153.92	160.23	0.006668	8.08	2823.97	324.52	0.42
Chiq-2-Oso	29339	50-EV	20098.00	145.78	158.44	153.37	159.34	0.006453	7.63	2634.99	319.40	0.41
Chiq-2-Oso	29339	25-EV	16768.00	145.78	157.41	152.64	158.18	0.006163	7.02	2387.38	293.35	0.39
Chiq-2-Oso	29339	10-EV	7544.00	145.78	153.86	150.28	154.23	0.005038	4.89	1541.58	233.43	0.34
Chiq-2-Oso	29339	5-EV	2859.00	145.78	151.09	148.65	151.25	0.003910	3.14	909.24	223.10	0.27
Chiq-2-Oso	29339	2-EV	746.00	145.78	148.88	147.11	148.93	0.002876	1.75	427.32	213.05	0.22
Chiq-2-Oso	28989	100-EV	22830.00	145.54	157.01	153.07	158.20	0.008018	8.75	2609.06	270.81	0.49
Chiq-2-Oso	28989	50-EV	20098.00	145.54	156.28	152.53	157.36	0.007898	8.31	2417.70	263.73	0.48
Chiq-2-Oso	28989	25-EV	16768.00	145.54	155.34	151.84	156.27	0.007718	7.73	2170.11	259.47	0.47
Chiq-2-Oso	28989	10-EV	7544.00	145.54	152.12	149.59	152.60	0.006886	5.56	1357.93	245.84	0.42
Chiq-2-Oso	28989	5-EV	2859.00	145.54	149.74	147.97	149.94	0.005720	3.65	782.95	235.77	0.35
Chiq-2-Oso	28989	2-EV	746.00	145.54	147.90	146.73	147.97	0.004282	2.07	360.04	202.84	0.27
Chiq-2-Oso	28744	100-EV	22830.00	142.03	155.28		156.12	0.008064	7.35	3107.02	325.01	0.42
Chiq-2-Oso	28744	50-EV	20098.00	142.03	154.54		155.31	0.008079	7.01	2867.08	322.53	0.41
Chiq-2-Oso	28744	25-EV	16768.00	142.03	153.58		154.25	0.008104	6.56	2557.79	319.21	0.41
Chiq-2-Oso	28744	10-EV	7544.00	142.03	150.33		150.70	0.008493	4.90	1538.06	308.24	0.39
Chiq-2-Oso	28744	5-EV	2859.00	142.03	147.92		148.11	0.010081	3.55	805.84	299.13	0.38
Chiq-2-Oso	28744	2-EV	746.00	142.03	146.23		146.32	0.012013	2.29	326.10	262.83	0.36
Chiq-2-Oso	28539	100-EV	22830.00	140.00	153.67		154.51	0.007718	7.35	3106.67	313.42	0.41
Chiq-2-Oso	28539	50-EV	20098.00	140.00	152.95		153.70	0.007578	6.98	2881.27	310.32	0.40
Chiq-2-Oso	28539	25-EV	16768.00	140.00	152.01		152.86	0.007358	6.47	2592.78	306.32	0.39
Chiq-2-Oso	28539	10-EV	7544.00	140.00	148.85		149.18	0.006440	4.59	1642.74	295.60	0.34
Chiq-2-Oso	28539	5-EV	2859.00	140.00	146.44		146.58	0.005707	3.05	938.56	287.42	0.30
Chiq-2-Oso	28539	2-EV	746.00	140.00	144.51		144.57	0.006337	1.88	395.89	273.46	0.28
Chiq-2-Oso	28327	100-EV	22830.00	140.00	151.57		152.58	0.010648	8.06	2832.41	313.79	0.47
Chiq-2-Oso	28327	50-EV	20098.00	140.00	150.88		151.80	0.010658	7.69	2614.86	311.90	0.47
Chiq-2-Oso	28327	25-EV	16768.00	140.00	149.99		150.79	0.010621	7.17	2338.77	309.67	0.46
Chiq-2-Oso	28327	10-EV	7544.00	140.00	147.10		147.52	0.009658	5.17	1459.99	297.57	0.41
Chiq-2-Oso	28327	5-EV	2859.00	140.00	144.89		145.08	0.008939	3.50	817.23	283.88	0.36
Chiq-2-Oso	28327	2-EV	746.00	140.00	142.86		142.94	0.009434	2.38	313.42	207.62	0.34
Chiq-2-Oso	28116	100-EV	22830.00	137.50	148.90		150.04	0.013483	8.57	2664.40	316.87	0.52
Chiq-2-Oso	28116	50-EV	20098.00	137.50	148.12		149.19	0.014205	8.32	2416.70	312.70	0.53
Chiq-2-Oso	28116	25-EV	16768.00	137.50	147.07		148.07	0.015563	8.01	2093.38	306.98	0.54
Chiq-2-Oso	28116	10-EV	7544.00	137.50	143.98		144.63	0.020328	6.45	1169.97	290.75	0.57
Chiq-2-Oso	28116	5-EV	2859.00	137.50	141.69		142.12	0.024493	5.28	541.49	210.86	0.58
Chiq-2-Oso	28116	2-EV	746.00	137.50	139.59		139.82	0.025844	3.81	195.94	122.97	0.53

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	27950	100-EV	22830.00	132.00	147.46		148.31	0.007670	7.36	3102.69	306.18	0.41
Chiq-2-Oso	27950	50-EV	20098.00	132.00	146.62		147.40	0.007818	7.06	2846.05	303.10	0.41
Chiq-2-Oso	27950	25-EV	16768.00	132.00	145.44		146.14	0.008327	6.73	2490.54	298.86	0.41
Chiq-2-Oso	27950	10-EV	7544.00	132.00	142.14		142.52	0.008163	4.95	1525.54	286.48	0.38
Chiq-2-Oso	27950	5-EV	2859.00	132.00	139.76		139.93	0.007782	3.35	852.48	276.59	0.34
Chiq-2-Oso	27950	2-EV	746.00	132.00	137.15		137.29	0.009906	3.01	248.01	118.45	0.37
Chiq-2-Oso	27758	100-EV	22830.00	132.00	146.19		146.75	0.007638	5.99	3809.23	510.77	0.39
Chiq-2-Oso	27758	50-EV	20098.00	132.00	145.15		145.73	0.009022	6.11	3287.63	485.99	0.41
Chiq-2-Oso	27758	25-EV	16768.00	132.00	143.97		144.54	0.008022	6.06	2767.98	378.53	0.39
Chiq-2-Oso	27758	10-EV	7544.00	132.00	140.79		141.11	0.006519	4.49	1680.54	311.57	0.34
Chiq-2-Oso	27758	5-EV	2859.00	132.00	138.72		138.84	0.004233	2.73	1048.44	297.78	0.26
Chiq-2-Oso	27758	2-EV	746.00	132.00	136.67		136.70	0.001368	1.34	558.73	202.34	0.14
Chiq-2-Oso	27635	100-EV	22988.00	134.20	144.83		145.73	0.008298	7.61	3033.19	380.73	0.46
Chiq-2-Oso	27635	50-EV	20227.00	134.20	143.47		144.46	0.010955	7.97	2538.49	346.96	0.52
Chiq-2-Oso	27635	25-EV	16875.00	134.20	142.27		143.24	0.013040	7.92	2129.42	333.65	0.55
Chiq-2-Oso	27635	10-EV	7563.00	134.20	138.59		139.53	0.030539	7.75	975.93	298.53	0.76
Chiq-2-Oso	27635	5-EV	2873.00	134.20	136.70	136.70	137.43	0.068123	6.85	419.43	287.92	1.00
Chiq-2-Oso	27635	2-EV	775.00	134.20	135.77	135.77	136.11	0.095636	4.69	165.18	249.26	1.02
Chiq-2-Oso	27377	100-EV	22988.00	128.00	144.01		144.64	0.003776	6.34	3628.35	341.65	0.34
Chiq-2-Oso	27377	50-EV	20227.00	128.00	142.51		143.15	0.004197	6.44	3138.41	311.56	0.36
Chiq-2-Oso	27377	25-EV	16875.00	128.00	141.25		141.83	0.004279	6.13	2751.72	300.81	0.36
Chiq-2-Oso	27377	10-EV	7563.00	128.00	137.29		137.63	0.004357	4.68	1617.57	274.54	0.34
Chiq-2-Oso	27377	5-EV	2873.00	128.00	134.40		134.57	0.003876	3.32	865.44	234.45	0.30
Chiq-2-Oso	27377	2-EV	775.00	128.00	130.96		131.11	0.006289	3.06	253.11	121.84	0.37
Chiq-2-Oso	27176	100-EV	22988.00	126.06	143.37	136.66	143.89	0.003365	5.75	3995.10	381.12	0.31
Chiq-2-Oso	27176	50-EV	20227.00	126.06	141.77	136.19	142.32	0.003853	5.91	3419.77	345.85	0.33
Chiq-2-Oso	27176	25-EV	16875.00	126.06	140.46	135.59	140.96	0.004098	5.68	2973.02	336.54	0.34
Chiq-2-Oso	27176	10-EV	7563.00	126.06	136.30	132.93	136.64	0.005590	4.66	1621.70	314.06	0.36
Chiq-2-Oso	27176	5-EV	2873.00	126.06	133.58	129.97	133.76	0.004148	3.40	845.68	222.44	0.31
Chiq-2-Oso	27176	2-EV	775.00	126.06	130.30	128.03	130.38	0.002238	2.28	340.33	112.33	0.23
Chiq-2-Oso	26976	100-EV	22988.00	126.00	142.84		143.27	0.002672	5.24	4386.47	425.18	0.29
Chiq-2-Oso	26976	50-EV	20227.00	126.00	141.17		141.62	0.002924	5.41	3739.09	365.19	0.30
Chiq-2-Oso	26976	25-EV	16875.00	126.00	139.82		140.24	0.003011	5.18	3260.36	350.98	0.30
Chiq-2-Oso	26976	10-EV	7563.00	126.00	135.38		135.67	0.004165	4.29	1761.18	324.91	0.33
Chiq-2-Oso	26976	5-EV	2873.00	126.00	132.67		132.83	0.005269	3.20	898.49	310.68	0.33
Chiq-2-Oso	26976	2-EV	775.00	126.00	129.64		129.76	0.004516	2.79	277.80	114.73	0.32
Chiq-2-Oso	26777	100-EV	22988.00	125.60	142.22		142.64	0.003721	5.19	4430.52	528.11	0.32
Chiq-2-Oso	26777	50-EV	20227.00	125.60	140.59		141.05	0.002845	5.43	3728.31	370.36	0.30
Chiq-2-Oso	26777	25-EV	16875.00	125.60	139.26		139.68	0.002657	5.16	3267.41	335.74	0.29
Chiq-2-Oso	26777	10-EV	7563.00	125.60	134.62		134.90	0.003550	4.27	1771.51	310.24	0.31
Chiq-2-Oso	26777	5-EV	2873.00	125.60	131.75		131.91	0.004029	3.15	910.64	287.55	0.31
Chiq-2-Oso	26777	2-EV	775.00	125.60	128.67		128.79	0.005240	2.84	272.62	135.99	0.35
Chiq-2-Oso	26574	100-EV	22988.00	124.00	141.09		141.59	0.007562	5.68	4047.18	602.13	0.39
Chiq-2-Oso	26574	50-EV	20227.00	124.00	139.81		140.37	0.003846	5.98	3384.00	336.25	0.33
Chiq-2-Oso	26574	25-EV	16875.00	124.00	138.53		139.03	0.003748	5.68	2970.05	312.18	0.32
Chiq-2-Oso	26574	10-EV	7563.00	124.00	133.61		133.98	0.005801	4.94	1531.99	278.80	0.37
Chiq-2-Oso	26574	5-EV	2873.00	124.00	130.22		130.55	0.012887	4.56	630.66	226.07	0.48
Chiq-2-Oso	26574	2-EV	775.00	124.00	127.06		127.28	0.011450	3.76	205.88	81.34	0.42
Chiq-2-Oso	26377	100-EV	22988.00	122.01	140.11		140.73	0.002777	6.30	3646.21	514.81	0.42
Chiq-2-Oso	26377	50-EV	20227.00	122.01	139.11		139.72	0.002831	6.27	3224.94	375.05	0.38
Chiq-2-Oso	26377	25-EV	16875.00	122.01	137.85		138.41	0.002685	6.00	2812.99	273.50	0.33
Chiq-2-Oso	26377	10-EV	7563.00	122.01	132.80		133.18	0.003022	4.96	1524.46	237.25	0.35
Chiq-2-Oso	26377	5-EV	2873.00	122.01	129.26		129.49	0.002799	3.83	750.51	184.54	0.33
Chiq-2-Oso	26377	2-EV	775.00	122.01	126.07		126.17	0.003162	2.61	296.72	115.08	0.29
Chiq-2-Oso	26177	100-EV	22988.00	122.00	139.14		139.80	0.009137	6.53	3519.29	475.10	0.42
Chiq-2-Oso	26177	50-EV	20227.00	122.00	138.21		138.86	0.007088	6.48	3121.40	383.04	0.40
Chiq-2-Oso	26177	25-EV	16875.00	122.00	137.06		137.66	0.005561	6.18	2728.41	308.75	0.37
Chiq-2-Oso	26177	10-EV	7563.00	122.00	131.86		132.30	0.006895	5.34	1415.47	229.28	0.38
Chiq-2-Oso	26177	5-EV	2873.00	122.00	128.39		128.66	0.006858	4.16	690.35	163.78	0.36
Chiq-2-Oso	26177	2-EV	775.00	122.00	125.11		125.26	0.007099	3.11	249.54	104.35	0.35
Chiq-2-Oso	25976	100-EV	22988.00	120.04	137.97		138.65	0.003921	6.60	3483.73	412.91	0.40
Chiq-2-Oso	25976	50-EV	20227.00	120.04	137.22		137.84	0.003788	6.34	3190.30	370.76	0.38
Chiq-2-Oso	25976	25-EV	16875.00	120.04	136.21		136.76	0.003592	5.95	2837.55	327.39	0.36
Chiq-2-Oso	25976	10-EV	7563.00	120.04	130.80		131.20	0.004333	5.11	1479.41	227.71	0.35
Chiq-2-Oso	25976	5-EV	2873.00	120.04	127.36		127.60	0.004071	3.92	732.26	205.68	0.37
Chiq-2-Oso	25976	2-EV	775.00	120.04	124.10		124.24	0.003789	2.95	262.71	91.98	0.31
Chiq-2-Oso	25776	100-EV	22988.00	120.00	137.22		137.84	0.003962	6.35	3620.27	443.62	0.39
Chiq-2-Oso	25776	50-EV	20227.00	120.00	136.49		137.07	0.003798	6.10	3315.66	393.82	0.37
Chiq-2-Oso	25776	25-EV	16875.00	120.00	135.53		136.03	0.003509	5.69	2966.43	333.35	0.34
Chiq-2-Oso	25776	10-EV	7563.00	120.00	129.94		130.31	0.004535	4.88	1549.23	230.16	0.33

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	25776	5-EV	2873.00	120.00	126.55		126.75	0.004382	3.58	801.98	207.75	0.32
Chiq-2-Oso	25776	2-EV	775.00	120.00	123.10		123.24	0.006881	2.99	258.96	119.42	0.36
Chiq-2-Oso	25646	100-EV	22988.00	118.00	136.76		137.18	0.005508	5.16	4453.98	578.24	0.33
Chiq-2-Oso	25646	50-EV	20227.00	118.00	136.04		136.43	0.005299	5.00	4047.28	545.97	0.32
Chiq-2-Oso	25646	25-EV	16875.00	118.00	135.09		135.44	0.005024	4.74	3559.41	508.73	0.32
Chiq-2-Oso	25646	10-EV	7563.00	118.00	129.46		129.75	0.003734	4.32	1749.59	240.46	0.28
Chiq-2-Oso	25646	5-EV	2873.00	118.00	126.09		126.23	0.003373	2.95	974.21	219.88	0.25
Chiq-2-Oso	25646	2-EV	775.00	118.00	122.57		122.65	0.003115	2.21	350.93	121.99	0.23
Chiq-2-Oso	25346	100-EV	22988.00	118.00	134.87		135.39	0.006369	5.77	3981.85	482.43	0.35
Chiq-2-Oso	25346	50-EV	20227.00	118.00	134.22		134.69	0.006303	5.51	3668.50	474.46	0.35
Chiq-2-Oso	25346	25-EV	16875.00	118.00	133.34		133.76	0.006271	5.18	3256.02	463.28	0.34
Chiq-2-Oso	25346	10-EV	7563.00	118.00	128.21		128.53	0.004386	4.55	1662.54	242.97	0.31
Chiq-2-Oso	25346	5-EV	2873.00	118.00	125.02		125.17	0.003710	3.10	925.88	216.51	0.26
Chiq-2-Oso	25346	2-EV	775.00	118.00	121.67		121.74	0.002965	2.13	363.77	131.96	0.23
Chiq-2-Oso	25047	100-EV	22988.00	116.00	132.12		132.86	0.011512	6.90	3330.95	489.68	0.47
Chiq-2-Oso	25047	50-EV	20227.00	116.00	131.51		132.20	0.011327	6.65	3041.83	456.94	0.45
Chiq-2-Oso	25047	25-EV	16875.00	116.00	130.64		131.27	0.011272	6.35	2659.14	426.42	0.45
Chiq-2-Oso	25047	10-EV	7563.00	116.00	126.58		126.97	0.006293	4.98	1517.70	240.85	0.35
Chiq-2-Oso	25047	5-EV	2873.00	116.00	123.50		123.70	0.006684	3.57	804.78	221.02	0.33
Chiq-2-Oso	25047	2-EV	775.00	116.00	120.59		120.69	0.004139	2.61	297.32	101.67	0.27
Chiq-2-Oso	24746	100-EV	22988.00	116.00	129.10		129.82	0.008932	6.84	3438.88	528.25	0.43
Chiq-2-Oso	24746	50-EV	20227.00	116.00	128.54		129.20	0.008772	6.51	3151.10	506.84	0.43
Chiq-2-Oso	24746	25-EV	16875.00	116.00	127.73		128.31	0.008589	6.13	2755.80	432.49	0.42
Chiq-2-Oso	24746	10-EV	7563.00	116.00	124.21		124.62	0.009870	5.16	1465.23	321.35	0.43
Chiq-2-Oso	24746	5-EV	2873.00	116.00	121.20		121.46	0.008257	4.16	690.30	196.99	0.39
Chiq-2-Oso	24746	2-EV	775.00	116.00	118.17		118.41	0.017931	3.94	196.67	105.00	0.51
Chiq-2-Oso	24446	100-EV	22988.00	112.90	126.98	122.67	127.58	0.006152	6.38	3867.12	848.44	0.41
Chiq-2-Oso	24446	50-EV	20227.00	112.90	126.41	122.03	126.97	0.006236	6.16	3516.59	828.60	0.41
Chiq-2-Oso	24446	25-EV	16875.00	112.90	125.60	121.31	126.12	0.006204	5.90	3045.70	734.89	0.40
Chiq-2-Oso	24446	10-EV	7563.00	112.90	122.15	119.03	122.52	0.005201	4.87	1551.57	333.69	0.36
Chiq-2-Oso	24446	5-EV	2873.00	112.90	119.72	116.57	119.87	0.003584	3.12	921.13	247.12	0.28
Chiq-2-Oso	24446	2-EV	775.00	112.90	116.64	114.64	116.73	0.002587	2.42	320.71	120.21	0.26
Chiq-2-Oso	24146	100-EV	22988.00	112.00	125.43		125.92	0.004837	5.69	4300.88	837.66	0.36
Chiq-2-Oso	24146	50-EV	20227.00	112.00	124.78		125.25	0.005110	5.52	3794.25	747.21	0.36
Chiq-2-Oso	24146	25-EV	16875.00	112.00	123.90		124.33	0.005541	5.30	3186.34	500.11	0.37
Chiq-2-Oso	24146	10-EV	7563.00	112.00	120.46		120.78	0.006357	4.50	1680.48	374.30	0.37
Chiq-2-Oso	24146	5-EV	2873.00	112.00	118.08		118.27	0.008672	3.48	825.67	344.74	0.40
Chiq-2-Oso	24146	2-EV	775.00	112.00	115.53		115.66	0.005179	2.96	262.23	107.84	0.33
Chiq-2-Oso	23846	100-EV	22988.00	110.21	124.17	118.84	124.61	0.003864	5.37	4413.68	799.01	0.36
Chiq-2-Oso	23846	50-EV	20227.00	110.21	123.49	118.41	123.91	0.003882	5.24	3936.92	648.27	0.37
Chiq-2-Oso	23846	25-EV	16875.00	110.21	122.52	117.88	122.92	0.004010	5.10	3365.18	512.23	0.34
Chiq-2-Oso	23846	10-EV	7563.00	110.21	119.05	116.13	119.30	0.003837	3.96	1914.55	386.23	0.31
Chiq-2-Oso	23846	5-EV	2873.00	110.21	116.52	114.48	116.65	0.003621	2.90	990.42	352.03	0.30
Chiq-2-Oso	23846	2-EV	775.00	110.21	114.43	112.41	114.50	0.002927	1.99	390.38	248.45	0.28
Chiq-2-Oso	23546	100-EV	22988.00	110.12	122.58		123.20	0.005643	6.37	3779.17	713.62	0.38
Chiq-2-Oso	23546	50-EV	20227.00	110.12	121.92		122.50	0.005653	6.11	3345.45	538.70	0.38
Chiq-2-Oso	23546	25-EV	16875.00	110.12	121.00		121.51	0.005501	5.73	2942.95	384.22	0.37
Chiq-2-Oso	23546	10-EV	7563.00	110.12	117.54		117.86	0.006032	4.52	1671.80	354.86	0.37
Chiq-2-Oso	23546	5-EV	2873.00	110.12	114.92		115.13	0.007600	3.64	790.17	303.77	0.40
Chiq-2-Oso	23546	2-EV	775.00	110.12	112.83		112.97	0.010746	3.06	253.35	203.62	0.48
Chiq-2-Oso	23246	100-EV	22988.00	108.00	121.12		121.69	0.004415	6.10	4015.32	634.78	0.35
Chiq-2-Oso	23246	50-EV	20227.00	108.00	120.49		121.01	0.004265	5.80	3619.63	621.92	0.35
Chiq-2-Oso	23246	25-EV	16875.00	108.00	119.63		120.08	0.004053	5.40	3136.57	434.35	0.34
Chiq-2-Oso	23246	10-EV	7563.00	108.00	116.24		116.47	0.003545	3.90	1939.24	330.41	0.28
Chiq-2-Oso	23246	5-EV	2873.00	108.00	113.63		113.74	0.002979	2.62	1097.26	316.27	0.25
Chiq-2-Oso	23246	2-EV	775.00	108.00	111.62		111.66	0.002273	1.62	478.07	275.87	0.22
Chiq-2-Oso	22946	100-EV	23151.00	108.00	119.32		119.97	0.007634	6.54	3662.90	694.39	0.47
Chiq-2-Oso	22946	50-EV	20354.00	108.00	118.64		119.29	0.007971	6.52	3200.58	658.86	0.49
Chiq-2-Oso	22946	25-EV	16977.00	108.00	117.69		118.36	0.008461	6.54	2626.77	537.01	0.50
Chiq-2-Oso	22946	10-EV	7565.00	108.00	114.36		114.80	0.009614	5.36	1411.55	293.16	0.43
Chiq-2-Oso	22946	5-EV	2846.00	108.00	112.07		112.29	0.009192	3.72	764.36	272.49	0.39
Chiq-2-Oso	22946	2-EV	774.00	108.00	110.37		110.46	0.008872	2.37	326.78	241.82	0.36
Chiq-2-Oso	22646	100-EV	23151.00	106.00	117.41		118.00	0.005619	6.32	4015.02	655.80	0.36
Chiq-2-Oso	22646	50-EV	20354.00	106.00	116.75		117.30	0.005455	6.07	3609.37	584.24	0.35
Chiq-2-Oso	22646	25-EV	16977.00	106.00	115.80		116.30	0.005424	5.74	3068.96	534.62	0.35
Chiq-2-Oso	22646	10-EV	7565.00	106.00	112.19		112.50	0.006080	4.43	1707.49	331.13	0.34
Chiq-2-Oso	22646	5-EV	2846.00	106.00	109.55		109.73	0.007848	3.33	855.78	312.58	0.35
Chiq-2-Oso	22646	2-EV	774.00	106.00	107.97		108.03	0.007382	2.02	382.33	285.34	0.31
Chiq-2-Oso	22346	100-EV	23151.00	104.00	116.09	110.52	116.61	0.003783	5.93	4333.91	655.03	0.33

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	22346	50-EV	20354.00	104.00	115.48	110.04	115.95	0.003671	5.62	3962.46	593.40	0.32
Chiq-2-Oso	22346	25-EV	16977.00	104.00	114.51	109.44	114.94	0.003729	5.31	3396.50	583.17	0.32
Chiq-2-Oso	22346	10-EV	7565.00	104.00	110.77	107.38	111.04	0.003927	4.13	1830.69	324.55	0.31
Chiq-2-Oso	22346	5-EV	2846.00	104.00	107.75	105.90	107.90	0.004841	3.16	900.42	288.07	0.32
Chiq-2-Oso	22346	2-EV	774.00	104.00	105.56	104.85	105.65	0.008607	2.45	315.52	238.22	0.38
Chiq-2-Oso	22046	100-EV	23151.00	102.00	114.90	109.52	115.51	0.003540	6.48	4301.03	728.90	0.35
Chiq-2-Oso	22046	50-EV	20354.00	102.00	114.32	108.98	114.88	0.003400	6.17	3885.89	709.10	0.35
Chiq-2-Oso	22046	25-EV	16977.00	102.00	113.33	108.29	113.86	0.003464	5.91	3203.07	656.52	0.35
Chiq-2-Oso	22046	10-EV	7565.00	102.00	109.69	105.96	109.99	0.003107	4.41	1717.17	280.30	0.31
Chiq-2-Oso	22046	5-EV	2846.00	102.00	106.68	104.21	106.83	0.002726	3.08	923.18	246.05	0.28
Chiq-2-Oso	22046	2-EV	774.00	102.00	104.43	103.01	104.49	0.002182	1.88	411.88	203.30	0.23
Chiq-2-Oso	21746	100-EV	23151.00	100.10	113.49	108.91	114.20	0.005426	7.13	4058.59	767.02	0.39
Chiq-2-Oso	21746	50-EV	20354.00	100.10	112.96	108.39	113.62	0.005260	6.78	3658.45	748.74	0.38
Chiq-2-Oso	21746	25-EV	16977.00	100.10	111.80	107.70	112.48	0.006166	6.77	2830.97	611.27	0.40
Chiq-2-Oso	21746	10-EV	7565.00	100.10	108.27	105.38	108.68	0.006390	5.15	1468.43	261.02	0.38
Chiq-2-Oso	21746	5-EV	2846.00	100.10	105.32	103.62	105.55	0.007477	3.90	730.23	231.61	0.39
Chiq-2-Oso	21746	2-EV	774.00	100.10	103.12	102.44	103.25	0.010527	2.88	268.82	187.66	0.42
Chiq-2-Oso	21446	100-EV	23151.00	98.00	112.61	107.39	112.97	0.002718	5.09	4993.77	632.22	0.29
Chiq-2-Oso	21446	50-EV	20354.00	98.00	111.67	106.76	112.21	0.004018	5.90	3449.79	403.56	0.36
Chiq-2-Oso	21446	25-EV	16977.00	98.00	110.35	105.87	110.88	0.004436	5.80	2927.30	390.35	0.37
Chiq-2-Oso	21446	10-EV	7565.00	98.00	106.75	103.62	107.10	0.004351	4.74	1596.84	317.72	0.37
Chiq-2-Oso	21446	5-EV	2846.00	98.00	103.61	101.59	103.83	0.004542	3.76	756.56	246.39	0.38
Chiq-2-Oso	21446	2-EV	774.00	98.00	101.31	100.04	101.41	0.003958	2.56	302.23	159.64	0.33
Chiq-2-Oso	21146	100-EV	23151.00	98.00	111.52	105.74	111.96	0.004228	5.29	4377.32	499.09	0.31
Chiq-2-Oso	21146	50-EV	20354.00	98.00	110.50	105.20	110.93	0.004307	5.24	3882.22	465.87	0.32
Chiq-2-Oso	21146	25-EV	16977.00	98.00	108.98	104.37	109.42	0.005146	5.30	3201.91	437.13	0.35
Chiq-2-Oso	21146	10-EV	7565.00	98.00	105.16	101.81	105.49	0.006659	4.61	1639.24	348.09	0.37
Chiq-2-Oso	21146	5-EV	2846.00	98.00	102.33	100.12	102.49	0.004235	3.27	870.25	238.80	0.30
Chiq-2-Oso	21146	2-EV	774.00	98.00	100.01	98.94	100.09	0.004845	2.21	350.03	203.81	0.30
Chiq-2-Oso	20888	100-EV	23151.00	96.00	111.02	111.27	111.27	0.001621	3.99	5804.80	509.79	0.21
Chiq-2-Oso	20888	50-EV	20354.00	96.00	109.98	110.21	110.21	0.001689	3.86	5277.80	504.76	0.21
Chiq-2-Oso	20888	25-EV	16977.00	96.00	108.36	108.59	108.59	0.001940	3.80	4468.42	489.43	0.22
Chiq-2-Oso	20888	10-EV	7565.00	96.00	104.50	104.63	104.63	0.001804	2.82	2678.00	443.57	0.20
Chiq-2-Oso	20888	5-EV	2846.00	96.00	101.75	101.81	101.81	0.001696	1.92	1481.49	423.35	0.18
Chiq-2-Oso	20888	2-EV	774.00	96.00	99.54	99.56	99.56	0.001057	1.18	654.21	280.56	0.14
Chiq-2-Oso	20628	100-EV	23151.00	96.02	110.52	110.81	110.81	0.001906	4.25	5451.19	500.80	0.23
Chiq-2-Oso	20628	50-EV	20354.00	96.02	109.46	109.72	109.72	0.002044	4.14	4918.77	497.45	0.23
Chiq-2-Oso	20628	25-EV	16977.00	96.02	107.73	108.00	108.00	0.002626	4.18	4061.47	492.02	0.26
Chiq-2-Oso	20628	10-EV	7565.00	96.02	103.73	103.93	103.93	0.004250	3.56	2123.25	478.49	0.30
Chiq-2-Oso	20628	5-EV	2846.00	96.02	101.00	101.12	101.12	0.004430	2.79	1019.68	338.93	0.28
Chiq-2-Oso	20628	2-EV	774.00	96.02	99.01	99.06	99.06	0.004367	1.86	416.64	255.70	0.26
Chiq-2-Oso	20214	100-EV	23151.00	93.43	110.05	110.22	110.22	0.001001	3.31	6984.84	669.16	0.18
Chiq-2-Oso	20214	50-EV	20354.00	93.43	108.93	109.10	109.10	0.001075	3.26	6247.46	654.90	0.19
Chiq-2-Oso	20214	25-EV	16977.00	93.43	107.02	107.19	107.19	0.001404	3.38	5027.49	610.04	0.21
Chiq-2-Oso	20214	10-EV	7565.00	93.43	102.64	102.77	102.77	0.001944	2.89	2621.86	509.37	0.22
Chiq-2-Oso	20214	5-EV	2846.00	93.43	99.47	99.57	99.57	0.003209	2.61	1091.57	404.93	0.28
Chiq-2-Oso	20214	2-EV	774.00	93.43	97.40	97.45	97.45	0.003524	1.77	438.31	249.82	0.24
Chiq-2-Oso	19936	100-EV	23151.00	92.08	109.39	102.45	109.74	0.002563	5.02	5071.23	804.17	0.35
Chiq-2-Oso	19936	50-EV	20354.00	92.08	108.11	101.63	108.55	0.002963	5.65	4069.00	624.70	0.37
Chiq-2-Oso	19936	25-EV	16977.00	92.08	105.77	100.85	106.41	0.004633	6.63	2880.76	459.02	0.40
Chiq-2-Oso	19936	10-EV	7565.00	92.08	101.23	98.14	101.76	0.006193	5.84	1294.29	204.35	0.41
Chiq-2-Oso	19936	5-EV	2846.00	92.08	97.81	96.22	98.13	0.008702	4.53	628.89	184.46	0.43
Chiq-2-Oso	19936	2-EV	774.00	92.08	95.77	94.92	95.90	0.009671	2.85	271.32	165.68	0.39
Chiq-2-Oso	19803		Bridge									
Chiq-2-Oso	19802	100-EV	23185.00	90.60	106.36	107.23	107.23	0.005751	7.53	3256.30	514.24	0.40
Chiq-2-Oso	19802	50-EV	20391.00	90.60	105.61	106.41	106.41	0.005405	7.15	2904.30	393.37	0.38
Chiq-2-Oso	19802	25-EV	16992.00	90.60	104.44	105.14	105.14	0.005117	6.69	2541.62	254.21	0.37
Chiq-2-Oso	19802	10-EV	7566.00	90.60	100.39	100.75	100.75	0.003894	4.81	1572.69	224.06	0.32
Chiq-2-Oso	19802	5-EV	2859.00	90.60	96.75	96.94	96.94	0.004151	3.56	802.82	199.31	0.31
Chiq-2-Oso	19802	2-EV	774.00	90.60	94.26	94.34	94.34	0.004810	2.35	329.80	179.09	0.30
Chiq-2-Oso	19502	100-EV	23185.00	88.98	105.77	106.00	106.00	0.001848	3.87	6116.54	693.41	0.21
Chiq-2-Oso	19502	50-EV	20391.00	88.98	105.03	105.24	105.24	0.001831	3.68	5614.62	653.27	0.21
Chiq-2-Oso	19502	25-EV	16992.00	88.98	103.80	103.99	103.99	0.001943	3.51	4850.46	591.17	0.21
Chiq-2-Oso	19502	10-EV	7566.00	88.98	99.49	99.63	99.63	0.002925	2.96	2553.42	514.82	0.23
Chiq-2-Oso	19502	5-EV	2859.00	88.98	95.52	95.67	95.67	0.004175	3.11	919.42	278.60	0.30
Chiq-2-Oso	19502	2-EV	774.00	88.98	92.54	92.68	92.68	0.006355	3.00	258.34	135.32	0.38
Chiq-2-Oso	19051	100-EV	23185.00	85.16	104.33	97.88	104.76	0.004326	5.47	4616.68	627.79	0.31
Chiq-2-Oso	19051	50-EV	20391.00	85.16	103.55	97.09	103.97	0.004601	5.34	4133.00	618.88	0.31
Chiq-2-Oso	19051	25-EV	16992.00	85.16	102.19	96.19	102.63	0.005050	5.43	3320.13	557.80	0.33

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	19051	10-EV	7566.00	85.16	97.48	93.31	97.85	0.005435	4.84	1563.61	267.49	0.35
Chiq-2-Oso	19051	5-EV	2859.00	85.16	92.97	90.40	93.30	0.006735	4.59	622.23	173.61	0.43
Chiq-2-Oso	19051	2-EV	774.00	85.16	89.36	88.02	89.60	0.007299	3.95	196.03	76.32	0.43
Chiq-2-Oso	18639	100-EV	23185.00	83.82	102.26	94.38	102.86	0.004836	6.36	3916.53	465.83	0.34
Chiq-2-Oso	18639	50-EV	20391.00	83.82	101.59	93.67	102.12	0.004333	5.97	3622.10	414.21	0.32
Chiq-2-Oso	18639	25-EV	16992.00	83.82	100.25	92.75	100.76	0.004099	5.76	3099.70	368.80	0.32
Chiq-2-Oso	18639	10-EV	7566.00	83.82	96.00	89.52	96.27	0.002760	4.14	1829.69	217.83	0.25
Chiq-2-Oso	18639	5-EV	2859.00	83.82	91.58	87.19	91.72	0.002327	2.94	973.71	171.75	0.22
Chiq-2-Oso	18639	2-EV	774.00	83.82	88.24	85.53	88.28	0.001662	1.69	458.93	137.54	0.16
Chiq-2-Oso	18111	100-EV	23185.00	82.72	98.05		98.70	0.015095	6.43	3607.83	737.96	0.51
Chiq-2-Oso	18111	50-EV	20391.00	82.72	97.43		98.08	0.016799	6.46	3157.01	695.63	0.53
Chiq-2-Oso	18111	25-EV	16992.00	82.72	96.28		96.99	0.015126	6.76	2513.58	494.10	0.53
Chiq-2-Oso	18111	10-EV	7566.00	82.72	92.71		93.37	0.015153	6.49	1164.95	258.96	0.54
Chiq-2-Oso	18111	5-EV	2859.00	82.72	89.11		89.54	0.008918	5.24	545.64	130.35	0.45
Chiq-2-Oso	18111	2-EV	774.00	82.72	86.39		86.57	0.008582	3.45	224.62	106.14	0.42
Chiq-2-Oso	17706	100-EV	23185.00	79.52	94.91	90.05	95.54	0.004732	6.40	3873.12	695.12	0.39
Chiq-2-Oso	17706	50-EV	20391.00	79.52	94.27	89.53	94.85	0.004610	6.13	3453.28	609.00	0.38
Chiq-2-Oso	17706	25-EV	16992.00	79.52	92.07	88.85	92.83	0.007403	7.01	2423.18	388.72	0.50
Chiq-2-Oso	17706	10-EV	7566.00	79.52	88.71	86.26	89.22	0.007235	5.72	1323.34	278.66	0.46
Chiq-2-Oso	17706	5-EV	2859.00	79.52	85.44	83.83	85.84	0.009282	5.13	557.84	175.48	0.51
Chiq-2-Oso	17706	2-EV	774.00	79.52	82.91	81.93	83.12	0.008440	3.67	210.65	106.36	0.46
Chiq-2-Oso	17618	100-EV	23185.00	78.87	94.38	87.95	95.10	0.004870	6.93	3647.46	652.32	0.38
Chiq-2-Oso	17618	50-EV	20391.00	78.87	93.79	87.29	94.44	0.004537	6.54	3320.86	580.43	0.37
Chiq-2-Oso	17618	25-EV	16992.00	78.87	91.45	86.45	92.24	0.006097	7.13	2390.70	305.25	0.42
Chiq-2-Oso	17618	10-EV	7566.00	78.87	88.42	83.58	88.75	0.003339	4.59	1647.47	224.90	0.30
Chiq-2-Oso	17618	5-EV	2859.00	78.87	85.30	81.49	85.43	0.002040	2.87	995.52	192.89	0.22
Chiq-2-Oso	17618	2-EV	774.00	78.87	82.86	80.04	82.89	0.000849	1.39	554.92	168.69	0.14
Chiq-2-Oso	17514	100-EV	23185.00	78.31	93.99	89.46	94.53	0.005198	5.98	4217.30	878.42	0.36
Chiq-2-Oso	17514	50-EV	20391.00	78.31	93.39	89.05	93.89	0.005169	5.76	3762.54	824.40	0.36
Chiq-2-Oso	17514	25-EV	16992.00	78.31	90.46	88.49	91.35	0.012904	7.53	2255.96	398.63	0.56
Chiq-2-Oso	17514	10-EV	7566.00	78.31	87.14	85.69	87.99	0.021209	7.39	1023.45	315.76	0.72
Chiq-2-Oso	17514	5-EV	2859.00	78.31	84.37	83.22	84.92	0.016066	5.99	477.01	146.42	0.59
Chiq-2-Oso	17514	2-EV	774.00	78.31	82.49	81.36	82.67	0.009521	3.36	230.23	116.19	0.42
Chiq-2-Oso	17407	100-EV	31315.00	77.06	92.18	89.52	93.64	0.010153	9.81	3529.40	837.37	0.59
Chiq-2-Oso	17407	50-EV	28150.00	77.06	91.56	89.02	93.00	0.010387	9.66	3092.69	673.07	0.60
Chiq-2-Oso	17407	25-EV	17091.00	77.06	88.87	87.09	90.05	0.010862	8.70	1965.09	334.13	0.63
Chiq-2-Oso	17407	10-EV	7541.00	77.06	85.45	83.96	86.36	0.011309	7.64	986.43	216.58	0.63
Chiq-2-Oso	17407	5-EV	2801.00	77.06	82.15	81.77	82.97	0.020254	7.26	385.60	152.15	0.80
Chiq-2-Oso	17407	2-EV	871.00	77.06	79.76	79.76	80.60	0.044646	7.37	118.23	70.44	1.00
Chiq-2-Oso	17310	100-EV	31315.00	75.75	91.99	86.74	92.74	0.005227	7.11	4818.62	741.88	0.38
Chiq-2-Oso	17310	50-EV	28150.00	75.75	91.38	86.23	92.08	0.005199	6.86	4412.52	619.75	0.38
Chiq-2-Oso	17310	25-EV	17091.00	75.75	88.63	84.02	89.15	0.005136	5.82	3041.79	438.92	0.36
Chiq-2-Oso	17310	10-EV	7541.00	75.75	85.21	81.07	85.51	0.004619	4.41	1708.30	312.22	0.33
Chiq-2-Oso	17310	5-EV	2801.00	75.75	82.05	78.93	82.21	0.002685	3.16	885.22	206.58	0.27
Chiq-2-Oso	17310	2-EV	871.00	75.75	79.60	77.61	79.67	0.001692	1.99	438.35	160.49	0.21
Chiq-2-Oso	16902	100-EV	31315.00	74.69	89.97	84.95	90.72	0.004672	6.96	4548.89	705.63	0.45
Chiq-2-Oso	16902	50-EV	28150.00	74.69	89.31	84.47	90.05	0.004770	6.88	4107.14	633.50	0.46
Chiq-2-Oso	16902	25-EV	17091.00	74.69	86.66	82.55	87.24	0.004276	6.09	2805.41	389.64	0.40
Chiq-2-Oso	16902	10-EV	7541.00	74.69	83.66	80.47	83.95	0.003210	4.29	1756.24	323.22	0.32
Chiq-2-Oso	16902	5-EV	2801.00	74.69	80.89	78.59	81.03	0.003097	3.07	913.42	287.34	0.30
Chiq-2-Oso	16902	2-EV	871.00	74.69	78.44	77.00	78.55	0.005056	2.74	318.04	163.44	0.35
Chiq-2-Oso	16381	100-EV	31315.00	72.46	88.31	83.44	88.69	0.002985	4.94	6336.38	771.20	0.30
Chiq-2-Oso	16381	50-EV	28150.00	72.46	87.58	83.15	87.95	0.003129	4.87	5774.81	764.79	0.31
Chiq-2-Oso	16381	25-EV	17091.00	72.46	84.69	81.90	85.03	0.003942	4.71	3625.59	710.02	0.37
Chiq-2-Oso	16381	10-EV	7541.00	72.46	81.33	78.88	81.76	0.005680	5.25	1436.06	497.88	0.55
Chiq-2-Oso	16381	5-EV	2801.00	72.46	78.99	76.26	79.22	0.003891	3.85	728.33	202.73	0.36
Chiq-2-Oso	16381	2-EV	871.00	72.46	77.02	74.57	77.09	0.001768	2.18	399.57	131.44	0.22
Chiq-2-Oso	16031	100-EV	31315.00	71.92	87.31	80.99	87.66	0.002852	4.69	6670.59	865.68	0.30
Chiq-2-Oso	16031	50-EV	28150.00	71.92	86.51	80.57	86.86	0.003053	4.71	5981.87	854.01	0.31
Chiq-2-Oso	16031	25-EV	17091.00	71.92	83.29	78.89	83.65	0.003899	4.84	3533.79	583.29	0.35
Chiq-2-Oso	16031	10-EV	7541.00	71.92	79.23	76.96	79.57	0.006728	4.66	1618.98	390.29	0.40
Chiq-2-Oso	16031	5-EV	2801.00	71.92	76.30	75.70	76.62	0.019401	4.52	619.55	322.16	0.57
Chiq-2-Oso	16031	2-EV	871.00	71.92	74.84	74.84	75.21	0.070940	4.85	179.76	246.86	1.00
Chiq-2-Oso	15581	100-EV	31315.00	68.33	83.82	79.13	85.39	0.009578	10.04	3119.24	280.22	0.53
Chiq-2-Oso	15581	50-EV	28150.00	68.33	83.03	78.45	84.49	0.009693	9.71	2898.58	274.72	0.53
Chiq-2-Oso	15581	25-EV	17091.00	68.33	80.13	75.78	81.13	0.008250	7.99	2138.50	248.94	0.48
Chiq-2-Oso	15581	10-EV	7541.00	68.33	76.51	72.90	77.00	0.004873	5.60	1346.62	197.86	0.38
Chiq-2-Oso	15581	5-EV	2801.00	68.33	73.73	70.89	73.91	0.002842	3.41	822.30	179.51	0.28
Chiq-2-Oso	15581	2-EV	871.00	68.33	71.72	69.70	71.77	0.001478	1.83	475.55	166.24	0.19

HEC-RAS Plan: NoPA5 (Continued)

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
Chiq-2-Oso	15118	100-EV	31315.00	67.83	81.29	76.17	82.24	0.004256	7.83	4000.03	395.63	0.43
Chiq-2-Oso	15118	50-EV	28150.00	67.83	80.27	75.70	81.21	0.004680	7.81	3605.79	376.30	0.44
Chiq-2-Oso	15118	25-EV	17091.00	67.83	77.44	73.88	78.11	0.004773	6.58	2598.94	343.80	0.42
Chiq-2-Oso	15118	10-EV	7541.00	67.83	74.52	71.91	74.86	0.004093	4.63	1628.36	321.84	0.36
Chiq-2-Oso	15118	5-EV	2801.00	67.83	72.37	70.57	72.50	0.003128	2.94	951.78	305.84	0.29
Chiq-2-Oso	15118	2-EV	871.00	67.83	70.87	69.30	70.92	0.002382	1.74	501.62	293.78	0.23
Chiq-2-Oso	14486		Bridge									
Chiq-2-Oso	14485	100-EV	31315.00	61.96	79.72	71.18	80.68	0.000605	7.83	4005.68	291.22	0.35
Chiq-2-Oso	14485	50-EV	28150.00	61.96	78.54	70.57	79.44	0.000635	7.61	3700.38	259.23	0.35
Chiq-2-Oso	14485	25-EV	17091.00	61.96	73.87	68.21	74.57	0.000752	6.73	2540.32	239.38	0.36
Chiq-2-Oso	14485	10-EV	7541.00	61.96	68.74	65.64	69.22	0.001034	5.52	1366.99	217.92	0.39
Chiq-2-Oso	14485	5-EV	2801.00	61.96	65.38	63.89	65.66	0.001507	4.26	658.01	202.97	0.42
Chiq-2-Oso	14485	2-EV	871.00	61.96	63.60	62.85	63.73	0.001764	2.84	306.87	192.91	0.40
Chiq-2-Oso	14277	100-EV	31315.00	61.13	77.41	73.08	79.98	0.001970	12.86	2434.65	176.22	0.61
Chiq-2-Oso	14277	50-EV	28150.00	61.13	76.31	72.31	78.76	0.002041	12.55	2243.05	172.62	0.61
Chiq-2-Oso	14277	25-EV	17091.00	61.13	72.00	69.26	73.94	0.002422	11.17	1529.44	158.49	0.63
Chiq-2-Oso	14277	10-EV	7541.00	61.13	67.30	65.91	68.61	0.003310	9.19	820.29	143.08	0.68
Chiq-2-Oso	14277	5-EV	2801.00	61.13	64.18	63.63	64.98	0.004991	7.19	389.39	132.85	0.74
Chiq-2-Oso	14277	2-EV	871.00	61.13	62.33	62.28	62.86	0.010917	5.80	150.15	126.81	0.94
Chiq-2-Oso	14166	100-EV	31315.00	59.38	77.49	71.82	79.53	0.001450	11.48	2728.15	187.06	0.53
Chiq-2-Oso	14166	50-EV	28150.00	59.38	76.38	71.05	78.31	0.001487	11.16	2522.54	183.24	0.53
Chiq-2-Oso	14166	25-EV	17091.00	59.38	72.02	68.06	73.49	0.001647	9.73	1756.48	168.22	0.53
Chiq-2-Oso	14166	10-EV	7541.00	59.38	67.23	64.80	68.13	0.001901	7.61	991.13	151.74	0.52
Chiq-2-Oso	14166	5-EV	2801.00	59.38	64.02	62.56	64.47	0.002038	5.38	521.01	140.66	0.49
Chiq-2-Oso	14166	2-EV	871.00	59.38	62.04	61.25	62.23	0.002145	3.48	249.98	133.85	0.45
Chiq-2-Oso	13965		Bridge									
Chiq-2-Oso	13964	100-EV	31315.00	59.29	77.04	71.26	79.04	0.001433	11.37	2755.08	188.27	0.52
Chiq-2-Oso	13964	50-EV	28150.00	59.29	75.92	70.50	77.82	0.001490	11.05	2546.46	184.41	0.52
Chiq-2-Oso	13964	25-EV	17091.00	59.29	71.52	67.53	72.97	0.001776	9.66	1768.72	169.26	0.53
Chiq-2-Oso	13964	10-EV	7541.00	59.29	66.65	64.28	67.56	0.002316	7.65	985.61	152.49	0.53
Chiq-2-Oso	13964	5-EV	2801.00	59.29	63.38	62.06	63.86	0.002865	5.54	505.48	141.22	0.52
Chiq-2-Oso	13964	2-EV	871.00	59.29	61.22	60.75	61.49	0.005176	4.17	208.63	133.79	0.59
Chiq-2-Oso	13772	100-EV	31315.00	56.94	76.44	70.77	78.68	0.001550	12.03	2603.41	235.05	0.54
Chiq-2-Oso	13772	50-EV	28150.00	56.94	75.36	69.96	77.46	0.001594	11.62	2421.87	203.36	0.54
Chiq-2-Oso	13772	25-EV	17091.00	56.94	71.09	66.81	72.61	0.001745	9.89	1727.26	155.92	0.52
Chiq-2-Oso	13772	10-EV	7541.00	56.94	66.27	63.35	67.13	0.001921	7.45	1012.72	140.74	0.49
Chiq-2-Oso	13772	5-EV	2801.00	56.94	63.01	60.97	63.38	0.001735	4.91	570.68	130.46	0.41
Chiq-2-Oso	13772	2-EV	871.00	56.94	60.77	59.26	60.92	0.001628	3.04	286.63	123.41	0.35
Chiq-2-Oso	13595	100-EV	31315.00	57.59	75.67	70.85	78.28	0.001875	12.96	2417.17	213.20	0.59
Chiq-2-Oso	13595	50-EV	28150.00	57.59	74.61	70.02	77.05	0.001928	12.52	2248.43	202.46	0.59
Chiq-2-Oso	13595	25-EV	17091.00	57.59	70.41	66.80	72.19	0.002153	10.71	1595.71	148.96	0.58
Chiq-2-Oso	13595	10-EV	7541.00	57.59	65.65	63.26	66.69	0.002493	8.18	921.60	134.64	0.55
Chiq-2-Oso	13595	5-EV	2801.00	57.59	62.56	60.84	63.01	0.002244	5.39	520.07	125.34	0.47
Chiq-2-Oso	13595	2-EV	871.00	57.59	60.38	59.30	60.56	0.002329	3.44	253.46	118.75	0.41
Chiq-2-Oso	13428		Bridge									
Chiq-2-Oso	13427	100-EV	31315.00	55.69	68.09	67.22	71.99	0.003769	15.85	1975.53	197.93	0.88
Chiq-2-Oso	13427	50-EV	28150.00	55.69	67.21	66.54	70.99	0.004072	15.60	1804.34	193.75	0.90
Chiq-2-Oso	13427	25-EV	17091.00	55.69	64.20	63.84	67.15	0.005049	13.78	1240.00	180.98	0.93
Chiq-2-Oso	13427	10-EV	7541.00	55.69	60.92	60.90	62.90	0.007373	11.27	669.17	167.40	0.99
Chiq-2-Oso	13427	5-EV	2801.00	55.69	58.99	58.86	59.96	0.008130	7.89	354.97	155.62	0.92
Chiq-2-Oso	13427	2-EV	871.00	55.69	57.93	57.60	58.24	0.005672	4.47	194.67	148.25	0.69
Chiq-2-Oso	13088	100-EV	31315.00	53.14	67.15		70.68	0.002936	15.07	2077.30	181.42	0.79
Chiq-2-Oso	13088	50-EV	28150.00	53.14	66.21		69.59	0.003111	14.75	1908.87	177.90	0.79
Chiq-2-Oso	13088	25-EV	17091.00	53.14	63.10		65.50	0.003314	12.45	1373.21	166.20	0.76
Chiq-2-Oso	13088	10-EV	7541.00	53.14	59.26		60.78	0.004348	9.87	763.88	151.79	0.78
Chiq-2-Oso	13088	5-EV	2801.00	53.14	56.59		57.47	0.006405	7.54	371.62	141.75	0.82
Chiq-2-Oso	13088	2-EV	871.00	53.14	54.77	54.77	55.39	0.012551	6.32	137.91	113.36	1.01
Oso-2-Ocean	12592	100-EV	32088.00	50.03	68.09		69.32	0.000778	8.92	3595.74	249.90	0.41
Oso-2-Ocean	12592	50-EV	28749.00	50.03	67.09		68.23	0.000785	8.59	3348.52	245.91	0.41
Oso-2-Ocean	12592	25-EV	17454.00	50.03	63.59		64.34	0.000731	6.95	2512.86	231.92	0.37
Oso-2-Ocean	12592	10-EV	7725.00	50.03	59.40		59.77	0.000654	4.90	1575.33	215.14	0.32
Oso-2-Ocean	12592	5-EV	3008.00	50.03	56.55		56.70	0.000470	3.07	979.45	203.76	0.25
Oso-2-Ocean	12592	2-EV	983.00	50.03	54.48		54.52	0.000269	1.72	571.35	184.60	0.17
Oso-2-Ocean	12293	100-EV	45346.00	50.16	63.58	63.14	68.42	0.004628	17.65	2569.47	239.08	0.95
Oso-2-Ocean	12293	50-EV	40722.00	50.16	62.67	62.38	67.32	0.004966	17.31	2352.71	235.42	0.97
Oso-2-Ocean	12293	25-EV	26010.00	50.16	59.77	59.68	63.46	0.005962	15.40	1688.65	223.85	0.99
Oso-2-Ocean	12293	10-EV	12404.00	50.16	56.89	56.60	59.02	0.006249	11.71	1059.28	212.31	0.92
Oso-2-Ocean	12293	5-EV	5619.00	50.16	54.94		56.09	0.006277	8.59	654.24	204.54	0.85

HEC-RAS Plan: NoPA5 (Continued)

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
Oso-2-Ocean	12293	2-EV	2249.00	50.16	53.46		54.07	0.006085	6.26	359.31	173.85	0.77
Oso-2-Ocean	11991	100-EV	45346.00	47.56	63.28		66.97	0.002988	15.41	2942.71	245.11	0.78
Oso-2-Ocean	11991	50-EV	40722.00	47.56	62.25		65.80	0.003212	15.13	2692.22	240.99	0.80
Oso-2-Ocean	11991	25-EV	26010.00	47.56	58.77		61.75	0.004212	13.84	1879.11	227.09	0.85
Oso-2-Ocean	11991	10-EV	12404.00	47.56	55.26	54.77	57.21	0.005424	11.21	1106.26	213.04	0.87
Oso-2-Ocean	11991	5-EV	5619.00	47.56	53.19		54.27	0.005704	8.34	673.66	204.76	0.81
Oso-2-Ocean	11991	2-EV	2249.00	47.56	51.70		52.26	0.005830	6.01	374.49	186.56	0.75
Oso-2-Ocean	11618	100-EV	45346.00	45.04	62.29	59.70	65.93	0.002520	15.29	2965.45	226.18	0.74
Oso-2-Ocean	11618	50-EV	40722.00	45.04	61.21	58.87	64.69	0.002673	14.96	2722.59	221.85	0.75
Oso-2-Ocean	11618	25-EV	26010.00	45.04	57.45	55.95	60.31	0.003387	13.57	1916.23	206.80	0.79
Oso-2-Ocean	11618	10-EV	12404.00	45.04	53.29	52.60	55.30	0.004830	11.37	1090.65	190.16	0.84
Oso-2-Ocean	11618	5-EV	5619.00	45.04	50.76	50.40	52.02	0.006235	9.02	623.14	180.05	0.85
Oso-2-Ocean	11618	2-EV	2249.00	45.04	49.07	48.82	49.80	0.007387	6.84	328.70	160.88	0.84
Oso-2-Ocean	11317	100-EV	45346.00	43.62	58.68	58.64	64.68	0.004696	19.65	2308.20	192.89	1.00
Oso-2-Ocean	11317	50-EV	40722.00	43.62	57.86	57.74	63.43	0.004741	18.93	2151.63	189.62	0.99
Oso-2-Ocean	11317	25-EV	26010.00	43.62	54.90	54.53	58.97	0.004940	16.18	1607.26	177.76	0.95
Oso-2-Ocean	11317	10-EV	12404.00	43.62	51.29		53.72	0.005373	12.50	992.03	163.33	0.89
Oso-2-Ocean	11317	5-EV	5619.00	43.62	48.75		50.16	0.006068	9.54	589.18	153.15	0.86
Oso-2-Ocean	11317	2-EV	2249.00	43.62	46.81		47.64	0.006934	7.29	308.31	130.78	0.84
Oso-2-Ocean	11017	100-EV	45346.00	40.61	58.49		63.14	0.003131	17.30	2621.54	199.31	0.84
Oso-2-Ocean	11017	50-EV	40722.00	40.61	57.60		61.91	0.003151	16.65	2445.56	195.75	0.83
Oso-2-Ocean	11017	25-EV	26010.00	40.61	54.40		57.50	0.003201	14.14	1839.40	182.94	0.79
Oso-2-Ocean	11017	10-EV	12404.00	40.61	50.53		52.30	0.003211	10.67	1162.40	167.49	0.71
Oso-2-Ocean	11017	5-EV	5619.00	40.61	47.79		48.74	0.003172	7.82	718.13	156.52	0.64
Oso-2-Ocean	11017	2-EV	2249.00	40.61	45.75		46.22	0.002994	5.50	408.96	141.00	0.57
Oso-2-Ocean	10717	100-EV	45346.00	40.47	57.67	55.90	62.18	0.002983	17.03	2662.84	200.85	0.82
Oso-2-Ocean	10717	50-EV	40722.00	40.47	56.76	54.99	60.95	0.003013	16.41	2481.20	197.20	0.82
Oso-2-Ocean	10717	25-EV	26010.00	40.47	53.50	51.79	56.54	0.003099	13.99	1858.99	184.15	0.78
Oso-2-Ocean	10717	10-EV	12404.00	40.47	49.60	48.08	51.34	0.003131	10.58	1172.09	168.57	0.71
Oso-2-Ocean	10717	5-EV	5619.00	40.47	46.87	45.61	47.80	0.003056	7.73	726.81	157.65	0.63
Oso-2-Ocean	10717	2-EV	2249.00	40.47	44.89	43.84	45.33	0.002901	5.33	421.89	148.89	0.56
Oso-2-Ocean	10417	100-EV	45346.00	39.73	55.53	54.98	60.97	0.004840	18.70	2425.27	197.09	0.94
Oso-2-Ocean	10417	50-EV	40722.00	39.73	54.70	54.09	59.73	0.004818	18.00	2262.81	193.77	0.93
Oso-2-Ocean	10417	25-EV	26010.00	39.73	51.67	50.89	55.34	0.004769	15.35	1694.58	181.66	0.89
Oso-2-Ocean	10417	10-EV	12404.00	39.73	48.02	47.20	50.16	0.004717	11.72	1058.02	167.06	0.82
Oso-2-Ocean	10417	5-EV	5619.00	39.73	45.49	44.75	46.66	0.004622	8.68	647.36	156.92	0.75
Oso-2-Ocean	10417	2-EV	2249.00	39.73	43.69	42.94	44.26	0.004384	6.06	371.00	147.32	0.67
Oso-2-Ocean	10117	100-EV	45346.00	39.01	54.28	53.60	59.64	0.003931	18.56	2443.50	196.90	0.93
Oso-2-Ocean	10117	50-EV	40722.00	39.01	53.45	52.68	58.41	0.003949	17.85	2281.05	193.57	0.92
Oso-2-Ocean	10117	25-EV	26010.00	39.01	50.39		54.00	0.004089	15.24	1706.64	181.31	0.88
Oso-2-Ocean	10117	10-EV	12404.00	39.01	46.68		48.80	0.004325	11.68	1062.00	166.48	0.82
Oso-2-Ocean	10117	5-EV	5619.00	39.01	44.04		45.25	0.004741	8.83	636.18	155.92	0.77
Oso-2-Ocean	10117	2-EV	2249.00	39.01	42.10		42.77	0.005556	6.57	342.49	143.93	0.75
Oso-2-Ocean	9817	100-EV	45346.00	37.04	53.72	52.14	58.37	0.003141	17.31	2620.20	199.44	0.84
Oso-2-Ocean	9817	50-EV	40722.00	37.04	52.86	51.24	57.15	0.003137	16.62	2450.27	196.00	0.83
Oso-2-Ocean	9817	25-EV	26010.00	37.04	49.69	48.02	52.77	0.003153	14.07	1849.22	183.33	0.78
Oso-2-Ocean	9817	10-EV	12404.00	37.04	45.87	44.29	47.59	0.003082	10.53	1177.87	168.04	0.70
Oso-2-Ocean	9817	5-EV	5619.00	37.04	43.14	41.82	44.05	0.002952	7.65	734.50	157.13	0.62
Oso-2-Ocean	9817	2-EV	2249.00	37.04	41.12	40.04	41.56	0.002769	5.28	425.55	146.71	0.55
Oso-2-Ocean	9517	100-EV	45346.00	36.20	52.16	51.25	57.31	0.003694	18.20	2491.42	198.00	0.90
Oso-2-Ocean	9517	50-EV	40722.00	36.20	51.33		56.08	0.003694	17.48	2329.22	194.69	0.89
Oso-2-Ocean	9517	25-EV	26010.00	36.20	48.34		51.72	0.003669	14.74	1765.05	182.73	0.84
Oso-2-Ocean	9517	10-EV	12404.00	36.20	44.68		46.58	0.003606	11.05	1123.04	168.09	0.75
Oso-2-Ocean	9517	5-EV	5619.00	36.20	42.08		43.08	0.003480	8.04	699.07	157.68	0.67
Oso-2-Ocean	9517	2-EV	2249.00	36.20	40.11		40.61	0.003572	5.67	396.54	149.06	0.61
Oso-2-Ocean	9205	100-EV	45607.00	35.29	50.90	50.10	56.14	0.003771	18.36	2484.20	240.19	0.91
Oso-2-Ocean	9205	50-EV	40948.00	35.29	49.96	49.20	54.89	0.003892	17.81	2299.43	210.78	0.91
Oso-2-Ocean	9205	25-EV	26165.00	35.29	46.61	45.99	50.42	0.004429	15.66	1671.01	180.80	0.91
Oso-2-Ocean	9205	10-EV	12500.00	35.29	42.70	42.28	45.15	0.005441	12.57	994.49	165.15	0.90
Oso-2-Ocean	9205	5-EV	5676.00	35.29	40.15	39.82	41.60	0.006343	9.69	585.85	154.94	0.88
Oso-2-Ocean	9205	2-EV	2279.00	35.29	38.56	38.06	39.24	0.005422	6.57	346.89	143.10	0.74
Oso-2-Ocean	9085	100-EV	45607.00	34.68	50.72	49.36	55.54	0.004031	17.62	2588.92	199.16	0.86
Oso-2-Ocean	9085	50-EV	40948.00	34.68	49.76	48.46	54.28	0.004093	17.07	2398.80	195.30	0.86
Oso-2-Ocean	9085	25-EV	26165.00	34.68	46.31	45.24	49.79	0.004388	14.96	1749.23	181.51	0.85
Oso-2-Ocean	9085	10-EV	12500.00	34.68	42.20	41.50	44.46	0.005106	12.05	1037.48	165.09	0.85
Oso-2-Ocean	9085	5-EV	5676.00	34.68	39.36	39.03	40.83	0.006539	9.70	585.02	153.73	0.88
Oso-2-Ocean	9085	2-EV	2279.00	34.68	37.29	37.29	38.32	0.010352	8.12	280.54	136.33	1.00
Oso-2-Ocean	8985	100-EV	45607.00	33.38	50.81	48.44	54.99	0.003246	16.40	2780.53	201.12	0.78
Oso-2-Ocean	8985	50-EV	40948.00	33.38	49.84	47.52	53.73	0.003252	15.83	2587.01	197.23	0.77

HEC-RAS Plan: NoPA5 (Continued)

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
Oso-2-Ocean	8985	25-EV	26165.00	33.38	46.36	44.27	49.23	0.003258	13.59	1925.57	183.33	0.74
Oso-2-Ocean	8985	10-EV	12500.00	33.38	42.20	40.50	43.89	0.003245	10.44	1196.81	166.67	0.69
Oso-2-Ocean	8985	5-EV	5676.00	33.38	39.28	37.99	40.23	0.003231	7.80	727.53	155.00	0.63
Oso-2-Ocean	8985	2-EV	2279.00	33.38	37.15	36.16	37.64	0.003100	5.56	409.71	140.53	0.57
Oso-2-Ocean	8910	100-EV	45607.00	33.09	50.40	48.28	54.73	0.003373	16.69	2731.89	227.41	0.80
Oso-2-Ocean	8910	50-EV	40948.00	33.09	49.43	47.36	53.47	0.003390	16.13	2538.96	196.78	0.79
Oso-2-Ocean	8910	25-EV	26165.00	33.09	45.96	44.12	48.97	0.003447	13.91	1880.81	182.91	0.76
Oso-2-Ocean	8910	10-EV	12500.00	33.09	41.81	40.37	43.63	0.003552	10.81	1156.61	166.33	0.72
Oso-2-Ocean	8910	5-EV	5676.00	33.09	38.90	37.87	39.95	0.003773	8.23	689.35	154.68	0.69
Oso-2-Ocean	8910	2-EV	2279.00	33.09	36.78	36.08	37.36	0.004111	6.10	373.55	139.78	0.66
Oso-2-Ocean	8610	100-EV	45607.00	31.35	49.65	47.01	53.67	0.003064	16.09	2834.46	281.89	0.76
Oso-2-Ocean	8610	50-EV	40948.00	31.35	48.67	46.10	52.41	0.003066	15.52	2637.77	273.27	0.75
Oso-2-Ocean	8610	25-EV	26165.00	31.35	45.17	42.86	47.92	0.003048	13.30	1967.92	236.55	0.72
Oso-2-Ocean	8610	10-EV	12500.00	31.35	40.99	39.09	42.59	0.002970	10.15	1231.15	167.83	0.66
Oso-2-Ocean	8610	5-EV	5676.00	31.35	38.03	36.59	38.91	0.002912	7.55	751.72	155.99	0.61
Oso-2-Ocean	8610	2-EV	2279.00	31.35	35.82	34.82	36.28	0.002986	5.45	418.02	143.85	0.56
Oso-2-Ocean	8307	100-EV	45707.00	30.12	48.92	45.86	52.71	0.002816	15.62	2925.61	487.80	0.73
Oso-2-Ocean	8307	50-EV	41038.00	30.12	47.94	44.94	51.46	0.002806	15.05	2726.44	406.48	0.72
Oso-2-Ocean	8307	25-EV	26234.00	30.12	44.44	41.70	46.98	0.002723	12.80	2050.04	186.48	0.68
Oso-2-Ocean	8307	10-EV	12542.00	30.12	40.30	37.94	41.72	0.002471	9.56	1311.89	169.91	0.61
Oso-2-Ocean	8307	5-EV	5703.00	30.12	37.39	35.44	38.12	0.002119	6.83	835.25	158.29	0.52
Oso-2-Ocean	8307	2-EV	2293.00	30.12	35.25	33.54	35.57	0.001709	4.54	504.66	148.89	0.44
Oso-2-Ocean	8041	100-EV	45707.00	30.32	45.68	45.60	51.57	0.004537	19.46	2348.33	326.70	0.99
Oso-2-Ocean	8041	50-EV	41038.00	30.32	44.85	44.69	50.32	0.004593	18.77	2186.88	265.36	0.98
Oso-2-Ocean	8041	25-EV	26234.00	30.32	41.83	41.49	45.88	0.004881	16.15	1624.61	180.29	0.95
Oso-2-Ocean	8041	10-EV	12542.00	30.32	38.12	37.80	40.65	0.005711	12.77	982.16	165.42	0.92
Oso-2-Ocean	8041	5-EV	5703.00	30.32	35.57	35.34	37.10	0.006881	9.95	573.37	155.22	0.91
Oso-2-Ocean	8041	2-EV	2293.00	30.32	33.66	33.55	34.63	0.008777	7.88	290.84	131.03	0.93
Oso-2-Ocean	7746	100-EV	45707.00	28.87	45.51	43.82	50.12	0.002935	17.21	2655.99	199.74	0.83
Oso-2-Ocean	7746	50-EV	41038.00	28.87	44.63	42.90	48.88	0.002938	16.54	2481.28	196.21	0.82
Oso-2-Ocean	7746	25-EV	26234.00	28.87	41.44	39.67	44.48	0.002942	13.99	1874.87	183.43	0.77
Oso-2-Ocean	7746	10-EV	12542.00	28.87	37.45	35.92	39.22	0.003031	10.66	1176.03	167.50	0.71
Oso-2-Ocean	7746	5-EV	5703.00	28.87	34.71	33.43	35.65	0.002953	7.80	730.98	156.51	0.64
Oso-2-Ocean	7746	2-EV	2293.00	28.87	32.71	31.61	33.16	0.002676	5.37	427.38	144.81	0.55
Oso-2-Ocean	7417	100-EV	45707.00	28.34	42.80	42.80	48.80	0.004495	19.64	2327.15	239.80	1.00
Oso-2-Ocean	7417	50-EV	41038.00	28.34	41.89	41.89	47.55	0.004653	19.07	2152.03	202.02	1.00
Oso-2-Ocean	7417	25-EV	26234.00	28.34	38.68	38.68	43.07	0.005335	16.81	1561.04	177.65	1.00
Oso-2-Ocean	7417	10-EV	12542.00	28.34	35.28	34.96	37.83	0.005527	12.80	979.56	164.04	0.92
Oso-2-Ocean	7417	5-EV	5703.00	28.34	32.91	32.49	34.30	0.005616	9.47	602.07	154.56	0.85
Oso-2-Ocean	7417	2-EV	2293.00	28.34	31.19	30.81	31.89	0.005818	6.70	342.21	146.49	0.77
Oso-2-Ocean	7118	100-EV	45707.00	25.87	41.16	41.16	47.16	0.004432	19.64	2326.70	225.63	1.00
Oso-2-Ocean	7118	50-EV	41038.00	25.87	40.30	40.25	45.90	0.004523	18.99	2161.18	190.59	0.99
Oso-2-Ocean	7118	25-EV	26234.00	25.87	37.43	37.03	41.45	0.004561	16.08	1631.03	179.12	0.94
Oso-2-Ocean	7118	10-EV	12542.00	25.87	33.91	33.31	36.24	0.004679	12.22	1025.95	165.06	0.86
Oso-2-Ocean	7118	5-EV	5703.00	25.87	31.39	30.84	32.70	0.004955	9.16	622.39	154.97	0.81
Oso-2-Ocean	7118	2-EV	2293.00	25.87	29.53	29.06	30.23	0.005276	6.67	343.60	140.30	0.75
Oso-2-Ocean	6817	100-EV	45707.00	24.71	40.58	39.66	45.73	0.003299	18.21	2510.15	394.42	0.90
Oso-2-Ocean	6817	50-EV	41038.00	24.71	39.73	38.74	44.50	0.003309	17.51	2343.49	358.39	0.89
Oso-2-Ocean	6817	25-EV	26234.00	24.71	36.69	35.54	40.11	0.003316	14.82	1770.13	182.65	0.84
Oso-2-Ocean	6817	10-EV	12542.00	24.71	33.05	31.82	34.96	0.003222	11.09	1130.65	168.06	0.75
Oso-2-Ocean	6817	5-EV	5703.00	24.71	30.43	29.35	31.45	0.003098	8.08	705.53	157.62	0.67
Oso-2-Ocean	6817	2-EV	2293.00	24.71	28.52	27.66	29.00	0.002961	5.58	410.77	149.90	0.59
Oso-2-Ocean	6517	100-EV	45707.00	23.72	39.69	38.61	44.67	0.003414	17.91	2551.45	592.05	0.89
Oso-2-Ocean	6517	50-EV	41038.00	23.72	38.80	37.71	43.44	0.003457	17.27	2375.65	567.26	0.88
Oso-2-Ocean	6517	25-EV	26234.00	23.72	35.67	34.54	39.06	0.003594	14.77	1775.58	219.43	0.84
Oso-2-Ocean	6517	10-EV	12542.00	23.72	31.94	30.86	33.91	0.003711	11.26	1114.25	170.13	0.78
Oso-2-Ocean	6517	5-EV	5703.00	23.72	29.38	28.42	30.44	0.003657	8.25	690.86	159.87	0.70
Oso-2-Ocean	6517	2-EV	2293.00	23.72	27.55	26.78	28.05	0.003420	5.66	405.18	152.55	0.61
Oso-2-Ocean	6217	100-EV	45707.00	22.81	38.98	37.45	43.59	0.003082	17.21	2656.29	401.03	0.84
Oso-2-Ocean	6217	50-EV	41038.00	22.81	38.05	36.54	42.35	0.003144	16.63	2467.46	384.17	0.84
Oso-2-Ocean	6217	25-EV	26234.00	22.81	34.75	33.39	37.96	0.003375	14.37	1825.85	245.53	0.81
Oso-2-Ocean	6217	10-EV	12542.00	22.81	30.85	29.76	32.79	0.003722	11.17	1123.12	172.24	0.77
Oso-2-Ocean	6217	5-EV	5703.00	22.81	28.12	27.34	29.26	0.004204	8.54	688.15	161.33	0.74
Oso-2-Ocean	6217	2-EV	2293.00	22.81	26.20	25.72	26.81	0.004944	6.27	365.78	153.65	0.72
Oso-2-Ocean	5917	100-EV	45707.00	21.95	38.83	35.97	42.55	0.002177	15.48	2952.95	415.95	0.73
Oso-2-Ocean	5917	50-EV	41038.00	21.95	37.84	35.08	41.32	0.002218	14.96	2743.08	400.25	0.73
Oso-2-Ocean	5917	25-EV	26234.00	21.95	34.36	31.96	36.93	0.002339	12.87	2038.49	336.54	0.70
Oso-2-Ocean	5917	10-EV	12542.00	21.95	30.26	28.34	31.76	0.002442	9.85	1272.86	177.88	0.65
Oso-2-Ocean	5917	5-EV	5703.00	21.95	27.37	25.94	28.20	0.002527	7.34	776.48	165.65	0.60
Oso-2-Ocean	5917	2-EV	2293.00	21.95	25.24	24.33	25.68	0.002753	5.28	434.42	156.66	0.56

HEC-RAS Plan: NoPA5 (Continued)

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
Oso-2-Ocean	5617	100-EV	45707.00	20.93	38.47	34.86	41.83	0.001878	14.70	3109.16	506.09	0.68
Oso-2-Ocean	5617	50-EV	41038.00	20.93	37.47	33.97	40.59	0.001901	14.18	2894.01	455.86	0.68
Oso-2-Ocean	5617	25-EV	26234.00	20.93	33.93	30.86	36.20	0.001948	12.09	2170.69	284.82	0.64
Oso-2-Ocean	5617	10-EV	12542.00	20.93	29.77	27.26	31.05	0.001902	9.06	1383.92	180.90	0.58
Oso-2-Ocean	5617	5-EV	5703.00	20.93	26.86	24.88	27.52	0.001756	6.52	874.31	169.25	0.51
Oso-2-Ocean	5617	2-EV	2293.00	20.93	24.73	23.28	25.03	0.001533	4.38	523.05	160.74	0.43
Oso-2-Ocean	5248	100-EV	45707.00	19.58	37.80	34.23	41.10	0.001936	14.56	3139.79	220.97	0.68
Oso-2-Ocean	5248	50-EV	41038.00	19.58	36.77	33.37	39.85	0.001979	14.08	2914.31	216.85	0.68
Oso-2-Ocean	5248	25-EV	26234.00	19.58	33.10	30.32	35.43	0.002160	12.23	2144.94	202.16	0.66
Oso-2-Ocean	5248	10-EV	12542.00	19.58	28.79	26.82	30.22	0.002429	9.57	1311.16	184.93	0.63
Oso-2-Ocean	5248	5-EV	5703.00	19.58	25.89	24.49	26.70	0.002619	7.21	790.95	173.31	0.60
Oso-2-Ocean	5248	2-EV	2293.00	19.58	23.88	22.89	24.28	0.002603	5.08	451.29	162.91	0.54
Oso-2-Ocean	5048		Bridge									
Oso-2-Ocean	5036	100-EV	45707.00	17.96	34.12	32.62	38.64	0.002978	17.06	2679.91	273.29	0.84
Oso-2-Ocean	5036	50-EV	41038.00	17.96	33.28	31.75	37.45	0.002975	16.38	2505.60	267.31	0.83
Oso-2-Ocean	5036	25-EV	26234.00	17.96	30.18	28.66	33.20	0.003047	13.94	1881.76	243.90	0.79
Oso-2-Ocean	5036	10-EV	12542.00	17.96	26.51	25.13	28.22	0.003048	10.51	1192.88	180.10	0.72
Oso-2-Ocean	5036	5-EV	5703.00	17.96	23.91	22.78	24.84	0.003007	7.71	739.41	169.73	0.65
Oso-2-Ocean	5036	2-EV	2293.00	17.96	22.01	21.19	22.46	0.002994	5.39	425.04	160.56	0.58
Oso-2-Ocean	4855	100-EV	45707.00	17.51	33.69	31.89	37.99	0.002939	16.63	2749.29	277.80	0.82
Oso-2-Ocean	4855	50-EV	41038.00	17.51	32.85	31.02	36.81	0.002932	15.96	2571.93	266.70	0.80
Oso-2-Ocean	4855	25-EV	26234.00	17.51	29.71	27.96	32.57	0.002996	13.57	1933.70	218.53	0.76
Oso-2-Ocean	4855	10-EV	12542.00	17.51	26.02	24.44	27.62	0.002937	10.16	1233.98	182.08	0.69
Oso-2-Ocean	4855	5-EV	5703.00	17.51	23.43	22.10	24.27	0.002759	7.34	776.69	171.74	0.61
Oso-2-Ocean	4855	2-EV	2293.00	17.51	21.55	20.52	21.94	0.002493	4.98	460.42	164.20	0.52
Oso-2-Ocean	4555	100-EV	45707.00	17.04	31.03	31.03	36.75	0.004744	19.17	2383.81	442.47	1.00
Oso-2-Ocean	4555	50-EV	41038.00	17.04	30.18	30.18	35.55	0.004902	18.60	2206.60	415.63	1.00
Oso-2-Ocean	4555	25-EV	26234.00	17.04	27.40	27.15	31.32	0.005099	15.88	1652.26	291.52	0.96
Oso-2-Ocean	4555	10-EV	12542.00	17.04	24.09	23.68	26.39	0.005403	12.16	1031.48	180.83	0.90
Oso-2-Ocean	4555	5-EV	5703.00	17.04	21.82	21.38	23.09	0.005597	9.04	631.16	171.75	0.83
Oso-2-Ocean	4555	2-EV	2293.00	17.04	20.28	19.84	20.87	0.005233	6.18	370.82	165.57	0.73
Oso-2-Ocean	4255	100-EV	45707.00	14.96	30.30	29.37	35.19	0.003756	17.74	2576.97	397.50	0.90
Oso-2-Ocean	4255	50-EV	41038.00	14.96	29.45	28.52	34.00	0.003814	17.11	2398.25	388.12	0.89
Oso-2-Ocean	4255	25-EV	26234.00	14.96	26.48	25.49	29.80	0.003950	14.60	1797.29	333.28	0.85
Oso-2-Ocean	4255	10-EV	12542.00	14.96	22.88	22.01	24.85	0.004273	11.26	1114.22	182.47	0.80
Oso-2-Ocean	4255	5-EV	5703.00	14.96	20.32	19.72	21.48	0.004911	8.64	660.31	172.23	0.78
Oso-2-Ocean	4255	2-EV	2293.00	14.96	18.43	18.11	19.12	0.006439	6.66	344.20	158.70	0.80
Oso-2-Ocean	3955	100-EV	45707.00	13.95	30.05	27.72	33.96	0.002603	15.88	2878.48	434.36	0.77
Oso-2-Ocean	3955	50-EV	41038.00	13.95	29.15	26.86	32.78	0.002618	15.28	2685.85	421.46	0.76
Oso-2-Ocean	3955	25-EV	26234.00	13.95	26.06	23.83	28.62	0.002581	12.85	2042.06	336.06	0.71
Oso-2-Ocean	3955	10-EV	12542.00	13.95	22.32	20.35	23.73	0.002443	9.52	1317.11	186.74	0.63
Oso-2-Ocean	3955	5-EV	5703.00	13.95	19.68	18.05	20.40	0.002225	6.82	836.76	176.15	0.55
Oso-2-Ocean	3955	2-EV	2293.00	13.95	17.66	16.45	18.00	0.002100	4.69	489.43	168.08	0.48
Oso-2-Ocean	3655	100-EV	45934.00	13.31	27.75	27.17	32.87	0.004199	18.14	2532.54	337.32	0.93
Oso-2-Ocean	3655	50-EV	41237.00	13.31	27.00	26.32	31.70	0.004183	17.39	2370.97	329.47	0.92
Oso-2-Ocean	3655	25-EV	26399.00	13.31	24.12	23.34	27.55	0.004341	14.84	1778.45	227.00	0.88
Oso-2-Ocean	3655	10-EV	12644.00	13.31	20.69	19.91	22.69	0.004560	11.34	1114.57	186.70	0.82
Oso-2-Ocean	3655	5-EV	5769.00	13.31	18.26	17.58	19.40	0.004852	8.57	673.10	174.43	0.77
Oso-2-Ocean	3655	2-EV	2330.00	13.31	16.47	15.91	17.06	0.004739	6.18	377.32	155.12	0.70
Oso-2-Ocean	3355	100-EV	45934.00	11.94	27.20	25.64	31.55	0.003148	16.75	2743.03	386.93	0.83
Oso-2-Ocean	3355	50-EV	41237.00	11.94	26.42	24.80	30.41	0.003114	16.02	2573.33	364.04	0.82
Oso-2-Ocean	3355	25-EV	26399.00	11.94	23.40	21.83	26.28	0.003178	13.62	1938.64	320.94	0.78
Oso-2-Ocean	3355	10-EV	12644.00	11.94	19.83	18.41	21.45	0.003139	10.22	1236.80	189.72	0.71
Oso-2-Ocean	3355	5-EV	5769.00	11.94	17.32	16.15	18.18	0.003051	7.47	772.59	179.67	0.63
Oso-2-Ocean	3355	2-EV	2330.00	11.94	15.52	14.57	15.93	0.002817	5.10	456.53	172.49	0.55
Oso-2-Ocean	3055	100-EV	45934.00	10.65	26.34	24.70	30.59	0.003063	16.52	2779.96	363.47	0.82
Oso-2-Ocean	3055	50-EV	41237.00	10.65	25.57	23.85	29.45	0.003024	15.80	2609.71	354.58	0.81
Oso-2-Ocean	3055	25-EV	26399.00	10.65	22.46	20.91	25.32	0.003189	13.56	1946.52	302.92	0.78
Oso-2-Ocean	3055	10-EV	12644.00	10.65	18.78	17.53	20.47	0.003402	10.42	1213.20	191.99	0.73
Oso-2-Ocean	3055	5-EV	5769.00	10.65	16.17	15.30	17.15	0.003828	7.96	725.13	181.54	0.70
Oso-2-Ocean	3055	2-EV	2330.00	10.65	14.33	13.78	14.86	0.004527	5.86	397.81	174.17	0.68
Oso-2-Ocean	2755	100-EV	45934.00	10.29	25.96	23.33	29.59	0.002405	15.29	3005.10	358.48	0.74
Oso-2-Ocean	2755	50-EV	41237.00	10.29	25.18	22.50	28.48	0.002352	14.58	2829.00	341.15	0.72
Oso-2-Ocean	2755	25-EV	26399.00	10.29	21.96	19.57	24.35	0.002413	12.41	2127.24	253.84	0.69
Oso-2-Ocean	2755	10-EV	12644.00	10.29	18.17	16.20	19.52	0.002390	9.33	1355.56	196.02	0.63
Oso-2-Ocean	2755	5-EV	5769.00	10.29	15.43	13.98	16.17	0.002433	6.91	834.61	185.09	0.57
Oso-2-Ocean	2755	2-EV	2330.00	10.29	13.39	12.50	13.78	0.002731	5.01	464.83	176.91	0.55
Oso-2-Ocean	2455	100-EV	45934.00	8.81	25.57	22.24	28.81	0.002030	14.44	3180.86	663.78	0.69

HEC-RAS Plan: NoPA5 (Continued)

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
Oso-2-Ocean	2455	50-EV	41237.00	8.81	24.79	21.41	27.73	0.001970	13.74	3001.29	620.29	0.67
Oso-2-Ocean	2455	25-EV	26399.00	8.81	21.50	18.51	23.61	0.001983	11.63	2269.76	457.05	0.63
Oso-2-Ocean	2455	10-EV	12644.00	8.81	17.69	15.17	18.83	0.001842	8.58	1474.42	200.58	0.56
Oso-2-Ocean	2455	5-EV	5769.00	8.81	14.94	12.97	15.53	0.001677	6.15	938.79	189.60	0.49
Oso-2-Ocean	2455	2-EV	2330.00	8.81	12.86	11.50	13.14	0.001555	4.21	553.69	181.30	0.42
Oso-2-Ocean	2155	100-EV	45934.00	8.21	24.06	22.18	28.01	0.003008	15.94	2881.67	254.71	0.80
Oso-2-Ocean	2155	50-EV	41237.00	8.21	23.43	21.38	26.96	0.002863	15.07	2736.76	230.05	0.77
Oso-2-Ocean	2155	25-EV	26399.00	8.21	18.57	18.53	22.48	0.005867	15.85	1665.14	210.60	0.99
Oso-2-Ocean	2155	10-EV	12644.00	8.21	15.86	15.23	17.88	0.005073	11.40	1109.43	199.77	0.85
Oso-2-Ocean	2155	5-EV	5769.00	8.21	13.66	12.82	14.72	0.004210	8.28	696.90	174.56	0.73
Oso-2-Ocean	2155	2-EV	2330.00	8.21	11.97	11.18	12.46	0.003354	5.57	418.03	158.26	0.60
Oso-2-Ocean	1855	100-EV	45934.00	7.22	23.95	20.44	27.03	0.001963	14.07	3263.83	325.75	0.67
Oso-2-Ocean	1855	50-EV	41237.00	7.22	23.31	19.62	26.04	0.001842	13.25	3113.27	300.50	0.64
Oso-2-Ocean	1855	25-EV	26399.00	7.22	16.79	16.79	20.73	0.005792	15.93	1657.64	209.97	1.00
Oso-2-Ocean	1855	10-EV	12644.00	7.22	13.52	13.52	16.04	0.007111	12.74	992.37	196.96	1.00
Oso-2-Ocean	1855	5-EV	5769.00	7.22	11.37	11.37	12.91	0.008729	9.96	578.95	188.43	1.00
Oso-2-Ocean	1855	2-EV	2330.00	7.22	9.86	9.86	10.77	0.010552	7.63	305.31	168.78	1.00
Oso-2-Ocean	1502	100-EV	45934.00	6.05	25.02	16.13	26.09	0.000562	8.30	5537.29	383.26	0.35
Oso-2-Ocean	1502	50-EV	41237.00	6.05	24.25	15.51	25.19	0.000527	7.79	5291.08	381.56	0.34
Oso-2-Ocean	1502	25-EV	26399.00	6.05	15.76	13.30	17.35	0.002218	10.12	2609.71	308.45	0.61
Oso-2-Ocean	1502	10-EV	12644.00	6.05	12.61	10.79	13.51	0.002247	7.62	1659.94	295.41	0.57
Oso-2-Ocean	1502	5-EV	5769.00	6.05	10.64	9.06	11.08	0.001910	5.32	1084.01	287.37	0.48
Oso-2-Ocean	1502	2-EV	2330.00	6.05	9.12	7.90	9.31	0.001437	3.51	663.18	262.87	0.39
Oso-2-Ocean	1337	100-EV	45934.00	5.78	25.16	14.83	25.81	0.000336	6.46	7112.77	521.72	0.27
Oso-2-Ocean	1337	50-EV	41237.00	5.78	24.36	14.28	24.94	0.000316	6.07	6791.61	519.10	0.26
Oso-2-Ocean	1337	25-EV	26399.00	5.78	15.78	12.43	16.76	0.001360	7.92	3333.98	396.22	0.48
Oso-2-Ocean	1337	10-EV	12644.00	5.78	12.46	10.34	13.05	0.001586	6.21	2036.48	383.84	0.48
Oso-2-Ocean	1337	5-EV	5769.00	5.78	10.40	8.91	10.73	0.001640	4.60	1255.28	376.69	0.44
Oso-2-Ocean	1337	2-EV	2330.00	5.78	8.87	7.83	9.05	0.001694	3.36	693.23	339.72	0.41
Oso-2-Ocean	1241		Bridge									
Oso-2-Ocean	1193	100-EV	45934.00	5.51	24.80	14.65	25.49	0.000373	6.68	6877.65	736.30	0.28
Oso-2-Ocean	1193	50-EV	41237.00	5.51	24.08	14.12	24.68	0.000345	6.25	6598.51	733.93	0.27
Oso-2-Ocean	1193	25-EV	26399.00	5.51	15.48	12.27	16.50	0.001481	8.09	3261.34	523.51	0.49
Oso-2-Ocean	1193	10-EV	12644.00	5.51	12.18	10.20	12.81	0.001750	6.36	1988.77	418.27	0.49
Oso-2-Ocean	1193	5-EV	5769.00	5.51	10.15	8.79	10.50	0.001855	4.74	1217.75	378.47	0.47
Oso-2-Ocean	1193	2-EV	2330.00	5.51	8.62	7.75	8.82	0.002123	3.57	653.56	344.01	0.46
Oso-2-Ocean	1146	100-EV	45934.00	5.31	24.86	13.38	25.39	0.000265	5.83	7875.66	665.01	0.24
Oso-2-Ocean	1146	50-EV	41237.00	5.31	24.14	12.88	24.60	0.000244	5.45	7567.74	663.96	0.23
Oso-2-Ocean	1146	25-EV	26399.00	5.31	15.59	11.13	16.28	0.000872	6.68	3950.24	445.13	0.39
Oso-2-Ocean	1146	10-EV	12644.00	5.31	12.25	9.17	12.63	0.000860	4.97	2543.17	417.73	0.36
Oso-2-Ocean	1146	5-EV	5769.00	5.31	10.19	7.89	10.37	0.000698	3.42	1687.17	413.61	0.30
Oso-2-Ocean	1146	2-EV	2330.00	5.31	8.64	6.99	8.71	0.000554	2.22	1048.14	410.51	0.25
Oso-2-Ocean	1116	100-EV	45934.00	5.13	24.87	13.18	25.37	0.000247	5.66	8111.76	731.78	0.23
Oso-2-Ocean	1116	50-EV	41237.00	5.13	24.14	12.68	24.58	0.000228	5.29	7792.27	713.96	0.22
Oso-2-Ocean	1116	25-EV	26399.00	5.13	15.58	10.95	16.24	0.000814	6.51	4057.59	437.66	0.37
Oso-2-Ocean	1116	10-EV	12644.00	5.13	12.23	9.01	12.59	0.000786	4.81	2629.29	423.31	0.34
Oso-2-Ocean	1116	5-EV	5769.00	5.13	10.17	7.76	10.34	0.000617	3.27	1761.85	419.19	0.28
Oso-2-Ocean	1116	2-EV	2330.00	5.13	8.62	6.93	8.69	0.000460	2.09	1114.79	416.08	0.23
Oso-2-Ocean	1050		Bridge									
Oso-2-Ocean	1018	100-EV	45934.00	5.12	15.23	14.49	18.26	0.004748	13.97	3288.57	412.24	0.87
Oso-2-Ocean	1018	50-EV	41237.00	5.12	14.67	13.99	17.50	0.004827	13.47	3060.44	410.03	0.87
Oso-2-Ocean	1018	25-EV	26399.00	5.12	12.72	12.18	14.83	0.005207	11.66	2264.97	403.05	0.87
Oso-2-Ocean	1018	10-EV	12644.00	5.12	10.40	10.16	11.78	0.006415	9.41	1343.75	392.22	0.90
Oso-2-Ocean	1018	5-EV	5769.00	5.12	8.78	8.72	9.76	0.008799	7.97	724.27	350.57	0.98
Oso-2-Ocean	1018	2-EV	2330.00	5.12	7.67	7.67	8.31	0.011127	6.38	365.47	299.09	1.02
Oso-2-Ocean	880	100-EV	45934.00	4.85	15.34	13.28	17.42	0.003001	11.58	3968.23	525.39	0.69
Oso-2-Ocean	880	50-EV	41237.00	4.85	14.76	12.79	16.68	0.003002	11.12	3708.65	517.72	0.68
Oso-2-Ocean	880	25-EV	26399.00	4.85	12.71	11.03	14.08	0.003002	9.40	2807.99	489.81	0.65
Oso-2-Ocean	880	10-EV	12644.00	4.85	10.28	9.02	11.07	0.003002	7.12	1776.22	417.20	0.61
Oso-2-Ocean	880	5-EV	5769.00	4.85	8.58	7.65	9.02	0.003005	5.33	1082.42	393.07	0.57
Oso-2-Ocean	880	2-EV	2330.00	4.85	7.34	6.62	7.56	0.003001	3.81	611.70	367.50	0.52

HEC-RAS Plan: NoPA45

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
UpStream-2-Bell	61295	100-EV	20300.00	377.16	389.72	385.20	390.06	0.012964	4.70	4323.53	933.24	0.38
UpStream-2-Bell	61295	50-EV	18156.00	377.16	389.28	384.86	389.61	0.011769	4.61	3939.32	812.87	0.37
UpStream-2-Bell	61295	25-EV	11896.00	377.16	387.59	383.31	387.88	0.012146	4.34	2739.44	632.73	0.37
UpStream-2-Bell	61295	10-EV	6364.00	377.16	384.52	381.89	384.84	0.014054	4.52	1406.64	340.57	0.39
UpStream-2-Bell	61295	5-EV	2205.00	377.16	382.16	380.47	382.30	0.009316	2.93	751.30	255.90	0.30
UpStream-2-Bell	61295	2-EV	626.00	377.16	380.57	378.73	380.62	0.008279	1.76	356.28	240.07	0.25
UpStream-2-Bell	61123	100-EV	20300.00	376.00	388.19		388.42	0.007075	3.80	5337.08	1001.77	0.29
UpStream-2-Bell	61123	50-EV	18156.00	376.00	387.84		388.05	0.006960	3.64	4986.53	987.13	0.29
UpStream-2-Bell	61123	25-EV	11896.00	376.00	386.06		386.25	0.007316	3.47	3428.25	756.69	0.29
UpStream-2-Bell	61123	10-EV	6364.00	376.00	382.46		382.72	0.010734	4.15	1531.70	343.26	0.35
UpStream-2-Bell	61123	5-EV	2205.00	376.00	379.71		379.91	0.022756	3.61	611.60	298.79	0.44
UpStream-2-Bell	61123	2-EV	626.00	376.00	378.26		378.37	0.023512	2.61	240.03	195.52	0.41
UpStream-2-Bell	60921	100-EV	20300.00	374.00	386.80		387.00	0.006869	3.62	5603.43	1106.66	0.28
UpStream-2-Bell	60921	50-EV	18156.00	374.00	386.46		386.65	0.006785	3.47	5236.79	1094.52	0.28
UpStream-2-Bell	60921	25-EV	11896.00	374.00	384.85		385.00	0.005202	3.19	3725.20	720.50	0.25
UpStream-2-Bell	60921	10-EV	6364.00	374.00	381.46		381.59	0.003263	2.88	2212.85	351.89	0.20
UpStream-2-Bell	60921	5-EV	2205.00	374.00	377.97		378.04	0.004823	2.16	1018.97	334.05	0.22
UpStream-2-Bell	60921	2-EV	626.00	374.00	376.25		376.28	0.005672	1.39	451.40	326.45	0.21
UpStream-2-Bell	60750	100-EV	20300.00	372.00	385.35		385.59	0.009915	3.93	5165.33	1189.28	0.33
UpStream-2-Bell	60750	50-EV	18156.00	372.00	385.02		385.24	0.010089	3.81	4768.88	1166.69	0.33
UpStream-2-Bell	60750	25-EV	11896.00	372.00	383.58		383.78	0.010188	3.61	3298.56	880.86	0.33
UpStream-2-Bell	60750	10-EV	6364.00	372.00	380.25		380.61	0.011360	4.80	1325.63	248.25	0.37
UpStream-2-Bell	60750	5-EV	2205.00	372.00	376.56		376.77	0.012604	3.66	601.91	183.29	0.36
UpStream-2-Bell	60750	2-EV	626.00	372.00	374.58		374.68	0.018087	2.53	247.85	173.53	0.37
UpStream-2-Bell	60599	100-EV	20300.00	370.00	383.98		384.17	0.008841	3.43	5923.46	1538.86	0.31
UpStream-2-Bell	60599	50-EV	18156.00	370.00	383.63		383.81	0.008797	3.36	5401.68	1439.32	0.31
UpStream-2-Bell	60599	25-EV	11896.00	370.00	382.05		382.23	0.010253	3.45	3452.72	993.57	0.33
UpStream-2-Bell	60599	10-EV	6364.00	370.00	378.29		378.67	0.014649	5.00	1272.62	272.53	0.41
UpStream-2-Bell	60599	5-EV	2205.00	370.00	374.89		375.08	0.010041	3.51	627.65	172.23	0.32
UpStream-2-Bell	60599	2-EV	626.00	370.00	372.77		372.84	0.008717	2.18	287.26	145.41	0.27
UpStream-2-Bell	60374	100-EV	20300.00	368.00	381.79		382.01	0.010343	3.83	5304.48	1311.96	0.34
UpStream-2-Bell	60374	50-EV	18156.00	368.00	381.42	375.49	381.64	0.010544	3.76	4830.85	1245.34	0.34
UpStream-2-Bell	60374	25-EV	11896.00	368.00	379.56		379.82	0.011134	4.08	2918.05	691.89	0.35
UpStream-2-Bell	60374	10-EV	6364.00	368.00	375.99		376.29	0.007862	4.39	1451.30	236.34	0.31
UpStream-2-Bell	60374	5-EV	2205.00	368.00	373.18		373.30	0.006229	2.74	804.57	223.80	0.25
UpStream-2-Bell	60374	2-EV	626.00	368.00	371.27		371.31	0.005375	1.62	387.13	213.39	0.21
UpStream-2-Bell	60149	100-EV	20300.00	366.00	374.37	373.91	377.03	0.064240	13.10	1549.05	236.18	0.90
UpStream-2-Bell	60149	50-EV	18156.00	366.00	373.55	373.43	376.33	0.077104	13.36	1359.23	231.15	0.97
UpStream-2-Bell	60149	25-EV	11896.00	366.00	371.93	371.93	374.16	0.088845	11.99	992.46	221.27	1.00
UpStream-2-Bell	60149	10-EV	6364.00	366.00	370.32	370.32	371.84	0.101207	9.89	643.17	211.28	1.00
UpStream-2-Bell	60149	5-EV	2205.00	366.00	368.71	368.71	369.48	0.125551	7.06	312.30	200.51	1.00
UpStream-2-Bell	60149	2-EV	626.00	366.00	367.77	367.63	368.10	0.102040	4.59	136.39	143.12	0.83
UpStream-2-Bell	59999	100-EV	20300.00	357.84	372.80	366.31	373.64	0.008933	7.32	2773.96	227.25	0.37
UpStream-2-Bell	59999	50-EV	18156.00	357.84	372.04	365.79	372.79	0.008685	6.98	2601.14	224.31	0.36
UpStream-2-Bell	59999	25-EV	11896.00	357.84	369.50	364.18	370.02	0.007855	5.83	2042.09	215.36	0.33
UpStream-2-Bell	59999	10-EV	6364.00	357.84	366.40	362.38	366.72	0.007393	4.57	1393.48	203.61	0.31
UpStream-2-Bell	59999	5-EV	2205.00	357.84	362.45	360.54	362.64	0.011151	3.54	622.97	182.97	0.34
UpStream-2-Bell	59999	2-EV	626.00	357.84	359.96	359.41	360.11	0.032270	3.16	198.19	153.59	0.49
UpStream-2-Bell	59699	100-EV	20300.00	352.12	369.14	364.54	370.18	0.015154	8.20	2477.08	256.77	0.47
UpStream-2-Bell	59699	50-EV	18156.00	352.12	368.40	363.97	369.38	0.015354	7.93	2289.43	251.92	0.46
UpStream-2-Bell	59699	25-EV	11896.00	352.12	366.01	361.65	366.77	0.015687	6.97	1707.84	232.48	0.45
UpStream-2-Bell	59699	10-EV	6364.00	352.12	363.25	359.12	363.75	0.013856	5.64	1127.39	191.93	0.41
UpStream-2-Bell	59699	5-EV	2205.00	352.12	359.72	356.18	359.93	0.007490	3.68	598.94	122.18	0.29
UpStream-2-Bell	59699	2-EV	626.00	352.12	356.54	354.26	356.63	0.005880	2.37	263.65	86.99	0.24
UpStream-2-Bell	59550	100-EV	20300.00	350.00	367.06		368.02	0.013581	7.86	2581.77	261.10	0.44
UpStream-2-Bell	59550	50-EV	18156.00	350.00	366.34		367.23	0.013172	7.57	2398.45	250.91	0.43
UpStream-2-Bell	59550	25-EV	11896.00	350.00	364.02		364.67	0.012330	6.47	1839.39	232.33	0.41
UpStream-2-Bell	59550	10-EV	6364.00	350.00	361.44		361.84	0.011510	5.06	1257.40	218.64	0.37
UpStream-2-Bell	59550	5-EV	2205.00	350.00	358.53		358.70	0.008886	3.32	664.32	179.93	0.30
UpStream-2-Bell	59550	2-EV	626.00	350.00	355.82		355.89	0.004205	2.12	295.14	89.31	0.21
UpStream-2-Bell	59325	100-EV	20300.00	350.00	364.50		365.27	0.010656	7.02	2889.95	290.13	0.39
UpStream-2-Bell	59325	50-EV	18156.00	350.00	363.82		364.53	0.010619	6.74	2693.81	287.26	0.39
UpStream-2-Bell	59325	25-EV	11896.00	350.00	361.56		362.08	0.010483	5.78	2058.14	274.41	0.37
UpStream-2-Bell	59325	10-EV	6364.00	350.00	359.00		359.33	0.010652	4.63	1373.84	259.21	0.35
UpStream-2-Bell	59325	5-EV	2205.00	350.00	356.21		356.37	0.012226	3.26	675.85	240.00	0.34
UpStream-2-Bell	59325	2-EV	626.00	350.00	354.11		354.21	0.016734	2.65	236.66	145.72	0.37
UpStream-2-Bell	59024	100-EV	20300.00	346.05	360.72	356.30	361.65	0.013561	7.75	2620.51	272.31	0.44
UpStream-2-Bell	59024	50-EV	18156.00	346.05	360.11	355.84	360.96	0.013211	7.39	2457.45	269.02	0.43
UpStream-2-Bell	59024	25-EV	11896.00	346.05	358.15	354.42	358.74	0.011768	6.13	1940.72	258.29	0.39
UpStream-2-Bell	59024	10-EV	6364.00	346.05	355.87	352.82	356.21	0.010101	4.66	1366.23	245.39	0.35

HEC-RAS Plan: NoPA45 (Continued)

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
UpStream-2-Bell	59024	5-EV	2205.00	346.05	353.25	350.65	353.39	0.008226	2.97	742.51	225.36	0.29
UpStream-2-Bell	59024	2-EV	626.00	346.05	350.77	348.49	350.84	0.007996	2.20	284.52	132.72	0.26
UpStream-2-Bell	58874	100-EV	20300.00	346.00	357.66	354.94	358.98	0.023549	9.19	2209.68	269.31	0.57
UpStream-2-Bell	58874	50-EV	18156.00	346.00	357.19	354.53	358.37	0.022778	8.72	2081.61	267.73	0.55
UpStream-2-Bell	58874	25-EV	11896.00	346.00	355.79	353.15	356.54	0.018281	6.95	1711.50	263.09	0.48
UpStream-2-Bell	58874	10-EV	6364.00	346.00	354.00	351.89	354.41	0.014398	5.10	1246.64	255.29	0.41
UpStream-2-Bell	58874	5-EV	2205.00	346.00	351.81	351.81	351.96	0.010994	3.15	700.61	242.78	0.33
UpStream-2-Bell	58874	2-EV	626.00	346.00	348.97	348.97	349.14	0.017016	3.30	189.50	84.63	0.39
Bell-2-Gober	58274	100-EV	20204.00	340.00	348.00	346.75	348.88	0.012323	7.53	2682.08	764.53	0.62
Bell-2-Gober	58274	50-EV	17745.00	340.00	347.67	346.47	348.46	0.012204	7.14	2486.50	751.68	0.61
Bell-2-Gober	58274	25-EV	14843.00	340.00	347.25	346.13	347.93	0.012019	6.62	2241.65	736.76	0.60
Bell-2-Gober	58274	10-EV	7201.00	340.00	345.82	345.07	346.23	0.013009	5.11	1409.98	681.63	0.58
Bell-2-Gober	58274	5-EV	2413.00	340.00	344.47	343.29	344.69	0.013301	3.72	648.01	522.06	0.56
Bell-2-Gober	58274	2-EV	529.00	340.00	342.68	341.61	342.77	0.006766	2.44	216.42	188.36	0.38
Bell-2-Gober	58124	100-EV	20303.00	339.45	346.81	344.93	347.36	0.007517	5.91	3434.86	940.83	0.48
Bell-2-Gober	58124	50-EV	17811.00	339.45	346.46	344.66	346.95	0.007497	5.61	3175.46	929.41	0.48
Bell-2-Gober	58124	25-EV	14903.00	339.45	346.02	344.31	346.45	0.007463	5.22	2854.49	881.61	0.47
Bell-2-Gober	58124	10-EV	7178.00	339.45	344.56	343.28	344.80	0.006758	3.95	1819.47	667.63	0.42
Bell-2-Gober	58124	5-EV	2428.00	339.45	343.10	342.28	343.21	0.007259	2.74	885.88	610.07	0.40
Bell-2-Gober	58124	2-EV	533.00	339.45	341.50	340.86	341.60	0.009055	2.54	209.91	190.36	0.43
Bell-2-Gober	57899	100-EV	20303.00	338.00	344.93	343.18	345.46	0.009453	5.87	3456.03	905.80	0.49
Bell-2-Gober	57899	50-EV	17811.00	338.00	344.58	342.94	345.06	0.009475	5.58	3190.19	896.16	0.48
Bell-2-Gober	57899	25-EV	14903.00	338.00	344.15	342.64	344.57	0.009407	5.19	2870.19	882.65	0.47
Bell-2-Gober	57899	10-EV	7178.00	338.00	342.84	341.52	343.07	0.008922	3.83	1876.25	762.10	0.43
Bell-2-Gober	57899	5-EV	2428.00	338.00	341.27	340.16	341.40	0.008978	2.95	823.39	520.51	0.41
Bell-2-Gober	57899	2-EV	533.00	338.00	339.57	338.95	339.65	0.008291	2.33	228.67	212.75	0.40
Bell-2-Gober	57674	100-EV	20303.00	336.00	342.19	340.68	342.78	0.015437	6.15	3300.90	848.69	0.54
Bell-2-Gober	57674	50-EV	17811.00	336.00	341.82	340.43	342.37	0.015517	5.93	3003.92	785.16	0.53
Bell-2-Gober	57674	25-EV	14903.00	336.00	341.37	340.12	341.86	0.015903	5.62	2653.90	769.23	0.53
Bell-2-Gober	57674	10-EV	7178.00	336.00	339.96	338.99	340.28	0.018376	4.48	1601.09	723.02	0.53
Bell-2-Gober	57674	5-EV	2428.00	336.00	338.64	337.91	338.80	0.015496	3.13	775.33	554.99	0.47
Bell-2-Gober	57674	2-EV	533.00	336.00	337.46	336.91	337.53	0.010824	2.13	250.67	289.79	0.40
Bell-2-Gober	57525	100-EV	20303.00	333.04	340.73	338.44	341.14	0.007752	5.12	3966.15	827.46	0.41
Bell-2-Gober	57525	50-EV	17811.00	333.04	340.36	338.19	340.73	0.007750	4.87	3655.68	820.91	0.41
Bell-2-Gober	57525	25-EV	14903.00	333.04	339.88	337.90	340.20	0.007753	4.56	3288.48	809.77	0.40
Bell-2-Gober	57525	10-EV	7178.00	333.04	338.34	336.96	338.53	0.007825	3.49	2057.47	755.84	0.37
Bell-2-Gober	57525	5-EV	2428.00	333.04	336.87	336.17	336.96	0.009879	2.49	976.63	715.01	0.38
Bell-2-Gober	57525	2-EV	533.00	333.04	335.89	334.99	335.93	0.010534	1.62	328.37	457.08	0.34
Bell-2-Gober	57224	100-EV	20303.00	329.99	338.38	336.79	338.79	0.007920	5.12	3964.90	804.66	0.41
Bell-2-Gober	57224	50-EV	17811.00	329.99	338.01	336.38	338.38	0.007866	4.86	3667.32	801.49	0.40
Bell-2-Gober	57224	25-EV	14903.00	329.99	337.56	335.87	337.87	0.007746	4.51	3304.54	797.61	0.39
Bell-2-Gober	57224	10-EV	7178.00	329.99	336.12	334.29	336.29	0.007096	3.31	2171.30	778.76	0.35
Bell-2-Gober	57224	5-EV	2428.00	329.99	334.40	333.48	334.48	0.006971	2.34	1037.60	600.39	0.31
Bell-2-Gober	57224	2-EV	533.00	329.99	332.36	331.45	332.45	0.012789	2.37	224.59	225.36	0.42
Bell-2-Gober	57074	100-EV	20303.00	328.00	337.17	335.59	337.59	0.007980	5.22	3886.55	836.65	0.43
Bell-2-Gober	57074	50-EV	17811.00	328.00	336.78	335.17	337.17	0.008166	5.00	3564.09	834.76	0.43
Bell-2-Gober	57074	25-EV	14903.00	328.00	336.32	334.66	336.66	0.008307	4.68	3181.92	832.51	0.42
Bell-2-Gober	57074	10-EV	7178.00	328.00	334.93	333.12	335.12	0.008489	3.54	2027.12	820.54	0.40
Bell-2-Gober	57074	5-EV	2428.00	328.00	333.33	332.44	333.44	0.006980	2.57	945.32	529.38	0.34
Bell-2-Gober	57074	2-EV	533.00	328.00	330.68	329.83	330.83	0.009068	3.18	167.48	106.53	0.45
Bell-2-Gober	56849	100-EV	20303.00	326.00	335.37	333.77	335.77	0.008194	5.04	4024.44	800.57	0.40
Bell-2-Gober	56849	50-EV	17811.00	326.00	334.90	333.27	335.27	0.008759	4.89	3643.03	798.86	0.40
Bell-2-Gober	56849	25-EV	14903.00	326.00	334.37	332.70	334.70	0.009193	4.62	3222.75	796.93	0.41
Bell-2-Gober	56849	10-EV	7178.00	326.00	332.83	331.03	333.03	0.010263	3.58	2004.60	791.05	0.40
Bell-2-Gober	56849	5-EV	2428.00	326.00	331.04	329.19	331.19	0.015346	3.14	772.56	520.00	0.45
Bell-2-Gober	56849	2-EV	533.00	326.00	329.17	328.26	329.26	0.005464	2.41	220.88	145.65	0.35
Bell-2-Gober	56624	100-EV	20303.00	324.95	333.85	332.21	334.21	0.005872	4.81	4224.66	735.90	0.35
Bell-2-Gober	56624	50-EV	17811.00	324.95	333.20	331.55	333.55	0.006680	4.75	3749.72	732.49	0.37
Bell-2-Gober	56624	25-EV	14903.00	324.95	332.50	330.83	332.83	0.007539	4.60	3239.63	727.09	0.38
Bell-2-Gober	56624	10-EV	7178.00	324.95	330.80	329.00	331.00	0.008021	3.55	2022.29	700.37	0.37
Bell-2-Gober	56624	5-EV	2428.00	324.95	328.89	327.00	329.00	0.006653	2.68	907.44	461.76	0.34
Bell-2-Gober	56624	2-EV	533.00	324.95	326.85	325.00	327.00	0.024155	3.13	170.32	225.49	0.63
Bell-2-Gober	56474	100-EV	20303.00	322.63	333.00	331.34	333.34	0.005585	4.68	4339.18	686.34	0.33
Bell-2-Gober	56474	50-EV	17811.00	322.63	332.20	330.54	332.54	0.006704	4.70	3790.14	683.25	0.35
Bell-2-Gober	56474	25-EV	14903.00	322.63	331.29	329.63	331.63	0.008449	4.70	3168.91	679.14	0.38
Bell-2-Gober	56474	10-EV	7178.00	322.63	329.19	327.45	329.45	0.013741	4.09	1752.92	667.86	0.45
Bell-2-Gober	56474	5-EV	2428.00	322.63	327.43	325.61	327.61	0.013822	3.41	712.31	381.43	0.44
Bell-2-Gober	56474	2-EV	533.00	322.63	325.24	323.32	325.32	0.006330	2.28	233.32	158.54	0.33
Bell-2-Gober	56323	100-EV	20303.00	322.00	332.47	330.73	332.73	0.002917	4.09	4969.13	647.79	0.26

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	56323	50-EV	17811.00	322.00	331.57		331.82	0.003356	4.06	4388.84	643.08	0.27
Bell-2-Gober	56323	25-EV	14903.00	322.00	330.50		330.75	0.004073	4.02	3704.21	618.18	0.29
Bell-2-Gober	56323	10-EV	7178.00	322.00	327.73		327.94	0.007477	3.65	1965.16	620.37	0.36
Bell-2-Gober	56323	5-EV	2428.00	322.00	325.87		325.99	0.008417	2.82	860.16	453.53	0.36
Bell-2-Gober	56323	2-EV	533.00	322.00	323.64		323.82	0.017898	3.41	156.51	149.90	0.59
Bell-2-Gober	56175	100-EV	20303.00	320.00	332.18		332.36	0.001857	3.43	5919.17	702.55	0.21
Bell-2-Gober	56175	50-EV	17811.00	320.00	331.23		331.41	0.002098	3.39	5257.31	696.75	0.22
Bell-2-Gober	56175	25-EV	14903.00	320.00	330.08		330.26	0.002502	3.34	4461.62	689.71	0.23
Bell-2-Gober	56175	10-EV	7178.00	320.00	326.84		326.99	0.005346	3.18	2258.56	665.23	0.30
Bell-2-Gober	56175	5-EV	2428.00	320.00	324.81		324.89	0.006409	2.35	1032.39	543.65	0.30
Bell-2-Gober	56175	2-EV	533.00	320.00	322.35		322.42	0.005568	2.09	254.59	193.73	0.32
Bell-2-Gober	56024	100-EV	20303.00	319.91	331.95		332.10	0.001494	3.13	6476.40	735.03	0.19
Bell-2-Gober	56024	50-EV	17811.00	319.91	330.97		331.12	0.001683	3.09	5760.05	729.92	0.19
Bell-2-Gober	56024	25-EV	14903.00	319.91	329.77		329.91	0.002014	3.05	4885.47	723.49	0.21
Bell-2-Gober	56024	10-EV	7178.00	319.91	325.91		326.09	0.006771	3.35	2144.99	685.61	0.33
Bell-2-Gober	56024	5-EV	2428.00	319.91	323.79		323.92	0.006410	2.96	819.15	341.39	0.34
Bell-2-Gober	56024	2-EV	533.00	319.91	321.51		321.58	0.005612	2.21	241.41	183.00	0.34
Bell-2-Gober	55874	100-EV	20303.00	318.00	331.77		331.90	0.001144	2.90	7007.16	705.90	0.16
Bell-2-Gober	55874	50-EV	17811.00	318.00	330.77		330.90	0.001235	2.82	6306.84	700.10	0.17
Bell-2-Gober	55874	25-EV	14903.00	318.00	329.54		329.65	0.001388	2.74	5446.82	692.90	0.17
Bell-2-Gober	55874	10-EV	7178.00	318.00	325.15		325.28	0.004255	2.91	2463.36	662.19	0.27
Bell-2-Gober	55874	5-EV	2428.00	318.00	322.75		322.85	0.007870	2.46	985.32	551.15	0.32
Bell-2-Gober	55874	2-EV	533.00	318.00	320.83		320.88	0.003862	1.69	315.02	204.95	0.24
Bell-2-Gober	55724	100-EV	20303.00	316.48	331.58		331.72	0.001210	3.07	6616.99	617.57	0.17
Bell-2-Gober	55724	50-EV	17811.00	316.48	330.57		330.71	0.001279	2.97	5998.50	612.93	0.17
Bell-2-Gober	55724	25-EV	14903.00	316.48	329.32		329.45	0.001392	2.85	5235.39	607.16	0.17
Bell-2-Gober	55724	10-EV	7178.00	316.48	324.56		324.69	0.003585	2.95	2435.55	543.59	0.25
Bell-2-Gober	55724	5-EV	2428.00	316.48	321.78		321.86	0.005572	2.35	1033.71	455.30	0.27
Bell-2-Gober	55724	2-EV	533.00	316.48	320.09		320.13	0.006746	1.52	350.09	347.38	0.27
Bell-2-Gober	55574	100-EV	20303.00	316.00	331.31		331.50	0.001722	3.55	5718.75	533.56	0.19
Bell-2-Gober	55574	50-EV	17811.00	316.00	330.30		330.48	0.001743	3.43	5186.94	518.18	0.19
Bell-2-Gober	55574	25-EV	14903.00	316.00	329.05		329.22	0.001638	3.26	4572.01	482.41	0.19
Bell-2-Gober	55574	10-EV	7178.00	316.00	324.02		324.18	0.003277	3.15	2279.67	438.51	0.24
Bell-2-Gober	55574	5-EV	2428.00	316.00	320.75		320.87	0.008082	2.75	883.96	413.51	0.33
Bell-2-Gober	55574	2-EV	533.00	316.00	318.63		318.72	0.013659	2.48	214.51	191.06	0.41
Bell-2-Gober	55424	100-EV	20303.00	314.00	331.08		331.28	0.001335	3.55	5718.94	469.11	0.18
Bell-2-Gober	55424	50-EV	17811.00	314.00	330.07		330.25	0.001331	3.39	5250.06	461.94	0.18
Bell-2-Gober	55424	25-EV	14903.00	314.00	328.84		328.99	0.001322	3.18	4684.32	452.76	0.17
Bell-2-Gober	55424	10-EV	7178.00	314.00	323.61		323.75	0.002435	2.97	2418.35	414.94	0.22
Bell-2-Gober	55424	5-EV	2428.00	314.00	319.76		319.87	0.005510	2.66	912.02	347.48	0.29
Bell-2-Gober	55424	2-EV	533.00	314.00	317.24		317.34	0.006640	2.52	211.37	123.33	0.34
Bell-2-Gober	55274	100-EV	20303.00	313.78	330.92		331.09	0.001078	3.22	6302.88	490.67	0.16
Bell-2-Gober	55274	50-EV	17811.00	313.78	329.92		330.06	0.001058	3.06	5812.95	482.95	0.16
Bell-2-Gober	55274	25-EV	14903.00	313.78	328.68		328.81	0.001020	2.85	5222.93	472.89	0.15
Bell-2-Gober	55274	10-EV	7178.00	313.78	323.35		323.45	0.001573	2.54	2825.49	426.94	0.17
Bell-2-Gober	55274	5-EV	2428.00	313.78	319.10		319.18	0.003821	2.24	1085.94	390.00	0.24
Bell-2-Gober	55274	2-EV	533.00	313.78	316.34		316.41	0.005757	2.07	257.29	157.35	0.29
Bell-2-Gober	55124	100-EV	20303.00	312.00	330.76		330.92	0.001067	3.20	6349.27	488.10	0.16
Bell-2-Gober	55124	50-EV	17811.00	312.00	329.76		329.91	0.001020	3.04	5867.92	473.99	0.15
Bell-2-Gober	55124	25-EV	14903.00	312.00	328.54		328.66	0.000962	2.81	5294.69	460.48	0.15
Bell-2-Gober	55124	10-EV	7178.00	312.00	323.13		323.22	0.001440	2.47	2911.61	421.91	0.17
Bell-2-Gober	55124	5-EV	2428.00	312.00	318.43		318.52	0.005115	2.42	1004.14	389.18	0.27
Bell-2-Gober	55124	2-EV	533.00	312.00	315.35		315.49	0.006362	2.98	178.68	73.98	0.34
Bell-2-Gober	54974	100-EV	20303.00	311.44	330.60		330.76	0.001087	3.22	6298.68	504.71	0.16
Bell-2-Gober	54974	50-EV	17811.00	311.44	329.61		329.75	0.001042	3.07	5804.61	489.68	0.16
Bell-2-Gober	54974	25-EV	14903.00	311.44	328.39		328.51	0.000992	2.86	5216.23	476.20	0.15
Bell-2-Gober	54974	10-EV	7178.00	311.44	322.87		322.98	0.001743	2.65	2708.98	428.99	0.19
Bell-2-Gober	54974	5-EV	2428.00	311.44	317.23		317.43	0.010880	3.62	670.17	272.14	0.41
Bell-2-Gober	54974	2-EV	533.00	311.44	313.77		314.05	0.015988	4.24	125.69	68.90	0.55
Bell-2-Gober	54824	100-EV	20303.00	310.00	330.48		330.62	0.000795	3.02	6713.30	473.98	0.14
Bell-2-Gober	54824	50-EV	17811.00	310.00	329.49		329.61	0.000763	2.85	6247.44	468.61	0.14
Bell-2-Gober	54824	25-EV	14903.00	310.00	328.28		328.38	0.000705	2.62	5685.65	458.98	0.13
Bell-2-Gober	54824	10-EV	7178.00	310.00	322.72		322.80	0.000841	2.19	3281.01	407.86	0.14
Bell-2-Gober	54824	5-EV	2428.00	310.00	316.14		316.27	0.005558	2.90	835.81	294.58	0.30
Bell-2-Gober	54824	2-EV	533.00	310.00	312.37		312.49	0.006890	2.71	196.71	118.97	0.37
Bell-2-Gober	54674	100-EV	20303.00	308.00	330.34		330.48	0.000997	3.04	6688.13	519.63	0.15
Bell-2-Gober	54674	50-EV	17811.00	308.00	329.36		329.48	0.000972	2.88	6180.73	509.72	0.15
Bell-2-Gober	54674	25-EV	14903.00	308.00	328.15		328.26	0.000939	2.68	5571.04	501.88	0.14
Bell-2-Gober	54674	10-EV	7178.00	308.00	322.58		322.66	0.000915	2.28	3151.50	372.55	0.14
Bell-2-Gober	54674	5-EV	2428.00	308.00	315.45		315.57	0.003978	2.76	879.25	257.89	0.26

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	54674	2-EV	533.00	308.00	310.62		310.94	0.016652	4.53	117.79	62.60	0.58
Bell-2-Gober	54524	100-EV	20303.00	306.04	330.13		330.31	0.001385	3.37	6024.18	525.99	0.18
Bell-2-Gober	54524	50-EV	17811.00	306.04	329.15		329.31	0.001396	3.23	5512.33	514.94	0.17
Bell-2-Gober	54524	25-EV	14903.00	306.04	327.96		328.10	0.001136	3.04	4909.22	435.78	0.16
Bell-2-Gober	54524	10-EV	7178.00	306.04	322.44		322.53	0.000799	2.43	2958.86	313.92	0.14
Bell-2-Gober	54524	5-EV	2428.00	306.04	315.06		315.15	0.002001	2.40	1013.55	232.39	0.20
Bell-2-Gober	54524	2-EV	533.00	306.04	310.05		310.12	0.002351	2.09	254.68	105.19	0.24
Bell-2-Gober	54374	100-EV	20303.00	306.00	329.96		330.11	0.001121	3.19	6361.50	519.96	0.16
Bell-2-Gober	54374	50-EV	17811.00	306.00	328.97		329.12	0.001122	3.04	5852.83	513.14	0.16
Bell-2-Gober	54374	25-EV	14903.00	306.00	327.81		327.93	0.001099	2.83	5259.47	505.52	0.15
Bell-2-Gober	54374	10-EV	7178.00	306.00	322.26		322.37	0.001576	2.66	2701.51	401.23	0.18
Bell-2-Gober	54374	5-EV	2428.00	306.00	314.84		314.93	0.001143	2.35	1031.21	169.58	0.17
Bell-2-Gober	54374	2-EV	533.00	306.00	309.79		309.85	0.001444	1.90	281.04	90.37	0.19
Bell-2-Gober	54223	100-EV	20303.00	304.00	329.67	318.48	329.88	0.002149	3.70	5487.92	546.89	0.20
Bell-2-Gober	54223	50-EV	17811.00	304.00	328.68	317.49	328.88	0.002160	3.58	4973.51	508.54	0.20
Bell-2-Gober	54223	25-EV	14903.00	304.00	327.52	316.32	327.70	0.002143	3.39	4402.13	483.13	0.20
Bell-2-Gober	54223	10-EV	7178.00	304.00	321.75	312.68	321.96	0.005112	3.73	1926.38	346.78	0.28
Bell-2-Gober	54223	5-EV	2428.00	304.00	314.53	309.43	314.70	0.001838	3.36	722.43	104.11	0.22
Bell-2-Gober	54223	2-EV	533.00	304.00	309.52	306.45	309.59	0.001979	2.10	254.30	82.20	0.21
Bell-2-Gober	54074	100-EV	20303.00	304.00	329.17	323.73	329.52	0.002559	4.72	4298.52	505.55	0.28
Bell-2-Gober	54074	50-EV	17811.00	304.00	328.16	323.32	328.50	0.002742	4.68	3804.53	492.27	0.30
Bell-2-Gober	54074	25-EV	14903.00	304.00	326.98	322.81	327.31	0.002936	4.61	3233.09	478.78	0.31
Bell-2-Gober	54074	10-EV	7178.00	304.00	318.57	316.31	320.64	0.012505	11.54	622.15	71.91	0.69
Bell-2-Gober	54074	5-EV	2428.00	304.00	312.57	311.29	313.96	0.017333	9.44	257.29	48.28	0.72
Bell-2-Gober	54074	2-EV	533.00	304.00	308.35	307.44	308.90	0.015319	5.94	89.68	31.34	0.62
Bell-2-Gober	53849	100-EV	20303.00	302.00	328.40	322.82	328.81	0.003912	5.15	3943.45	486.01	0.31
Bell-2-Gober	53849	50-EV	17811.00	302.00	327.30	318.92	327.71	0.004632	5.16	3451.89	476.62	0.33
Bell-2-Gober	53849	25-EV	14903.00	302.00	325.98	317.40	326.40	0.005929	5.20	2867.77	466.36	0.36
Bell-2-Gober	53849	10-EV	7178.00	302.00	317.02	312.46	318.35	0.007072	9.25	775.61	74.11	0.50
Bell-2-Gober	53849	5-EV	2428.00	302.00	310.36	307.86	311.16	0.008412	7.15	339.56	56.89	0.52
Bell-2-Gober	53849	2-EV	533.00	302.00	305.63	304.53	306.01	0.010655	4.90	108.75	39.55	0.52
Bell-2-Gober	53698	100-EV	20303.00	300.00	327.59	319.47	328.13	0.004606	5.88	3452.90	496.89	0.35
Bell-2-Gober	53698	50-EV	17811.00	300.00	326.31	318.13	326.88	0.005842	6.05	2944.84	480.65	0.39
Bell-2-Gober	53698	25-EV	14903.00	300.00	324.57	316.55	325.23	0.008990	6.54	2277.57	451.43	0.47
Bell-2-Gober	53698	10-EV	7178.00	300.00	315.73	311.14	317.16	0.008508	9.57	750.17	73.97	0.53
Bell-2-Gober	53698	5-EV	2428.00	300.00	309.16	306.30	309.94	0.007725	7.09	342.65	52.77	0.49
Bell-2-Gober	53698	2-EV	533.00	300.00	304.35	302.84	304.65	0.007322	4.41	120.92	38.47	0.44
Bell-2-Gober	53549	100-EV	20303.00	297.06	319.19	319.19	325.03	0.037990	19.38	1047.70	89.80	1.00
Bell-2-Gober	53549	50-EV	17811.00	297.06	317.50	317.50	323.46	0.038136	19.58	909.49	76.07	1.00
Bell-2-Gober	53549	25-EV	14903.00	297.06	315.99	315.83	321.41	0.036685	18.68	797.97	71.06	0.98
Bell-2-Gober	53549	10-EV	7178.00	297.06	311.09	310.27	314.45	0.028490	14.70	488.35	56.34	0.88
Bell-2-Gober	53549	5-EV	2428.00	297.06	305.15	304.97	307.42	0.031450	12.09	200.83	39.95	0.95
Bell-2-Gober	53549	2-EV	533.00	297.06	301.10	301.10	302.22	0.042517	8.50	62.71	27.81	1.00
Bell-2-Gober	53399	100-EV	20303.00	296.00	316.26	313.14	320.04	0.016195	15.59	1301.96	96.60	0.75
Bell-2-Gober	53399	50-EV	17811.00	296.00	315.48	311.79	318.75	0.014175	14.51	1227.83	93.20	0.70
Bell-2-Gober	53399	25-EV	14903.00	296.00	314.49	310.18	317.16	0.011689	13.09	1138.15	88.91	0.65
Bell-2-Gober	53399	10-EV	7178.00	296.00	310.47	305.30	311.67	0.006037	8.81	814.68	72.97	0.46
Bell-2-Gober	53399	5-EV	2428.00	296.00	304.56	300.99	305.08	0.004682	5.79	419.13	60.98	0.39
Bell-2-Gober	53399	2-EV	533.00	296.00	299.68	298.16	299.89	0.005576	3.66	145.70	51.03	0.38
Bell-2-Gober	53249	100-EV	20303.00	294.00	313.46	312.76	316.74	0.026174	14.52	1398.61	169.61	0.89
Bell-2-Gober	53249	50-EV	17811.00	294.00	312.89	312.08	315.80	0.024997	13.68	1301.73	166.93	0.86
Bell-2-Gober	53249	25-EV	14903.00	294.00	312.27	311.14	314.67	0.022135	12.41	1200.41	162.91	0.81
Bell-2-Gober	53249	10-EV	7178.00	294.00	307.67		309.98	0.014868	12.22	587.59	64.44	0.71
Bell-2-Gober	53249	5-EV	2428.00	294.00	303.21	300.46	304.06	0.008446	7.37	329.30	51.54	0.51
Bell-2-Gober	53249	2-EV	533.00	294.00	298.80	296.82	299.05	0.005400	4.04	131.77	37.44	0.38
Bell-2-Gober	53099	100-EV	20303.00	294.00	308.90	308.90	311.89	0.038275	13.87	1464.31	244.85	1.00
Bell-2-Gober	53099	50-EV	17811.00	294.00	308.28	308.28	311.13	0.039204	13.53	1316.24	232.86	1.00
Bell-2-Gober	53099	25-EV	14903.00	294.00	307.46	307.46	310.16	0.041177	13.17	1131.29	216.78	1.02
Bell-2-Gober	53099	10-EV	7178.00	294.00	304.14	304.14	306.53	0.039831	12.39	579.42	122.14	1.00
Bell-2-Gober	53099	5-EV	2428.00	294.00	299.27	299.27	301.39	0.035022	11.70	207.51	48.90	1.00
Bell-2-Gober	53099	2-EV	533.00	294.00	296.17	296.17	297.06	0.045395	7.60	70.15	39.72	1.01
Bell-2-Gober	52949	100-EV	20303.00	286.00	298.12	294.68	299.42	0.013666	9.13	2222.94	248.66	0.54
Bell-2-Gober	52949	50-EV	17811.00	286.00	297.53	294.08	298.67	0.012851	8.57	2077.19	244.05	0.52
Bell-2-Gober	52949	25-EV	14903.00	286.00	296.78	293.36	297.74	0.011786	7.86	1896.53	238.18	0.49
Bell-2-Gober	52949	10-EV	7178.00	286.00	294.26	290.65	294.72	0.008083	5.43	1321.59	218.20	0.39
Bell-2-Gober	52949	5-EV	2428.00	286.00	291.56	288.39	291.71	0.004014	3.11	781.52	165.16	0.25
Bell-2-Gober	52949	2-EV	533.00	286.00	289.13	286.93	289.16	0.001550	1.33	400.03	147.99	0.14
Bell-2-Gober	52799	100-EV	20303.00	286.00	297.17		297.72	0.006201	5.96	3408.54	399.82	0.36
Bell-2-Gober	52799	50-EV	17811.00	286.00	296.60		297.09	0.005889	5.59	3184.58	394.28	0.35

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	52799	25-EV	14903.00	286.00	295.90		296.31	0.005454	5.12	2909.47	387.09	0.33
Bell-2-Gober	52799	10-EV	7178.00	286.00	293.61		293.80	0.003714	3.49	2053.79	358.05	0.26
Bell-2-Gober	52799	5-EV	2428.00	286.00	291.20		291.26	0.001889	1.94	1249.89	305.29	0.17
Bell-2-Gober	52799	2-EV	533.00	286.00	288.98		288.99	0.000783	0.87	613.85	259.47	0.10
Bell-2-Gober	52649	100-EV	20303.00	286.00	296.44		296.84	0.004675	5.05	4019.42	546.24	0.33
Bell-2-Gober	52649	50-EV	17811.00	286.00	295.89		296.25	0.004562	4.78	3722.79	538.30	0.32
Bell-2-Gober	52649	25-EV	14903.00	286.00	295.22		295.52	0.004389	4.43	3362.47	528.79	0.31
Bell-2-Gober	52649	10-EV	7178.00	286.00	293.08		293.23	0.003576	3.17	2260.91	497.53	0.26
Bell-2-Gober	52649	5-EV	2428.00	286.00	290.89		290.94	0.002393	1.92	1262.47	415.74	0.19
Bell-2-Gober	52649	2-EV	533.00	286.00	288.84		288.85	0.001066	0.94	567.44	268.65	0.11
Bell-2-Gober	52424	100-EV	20303.00	286.00	295.64		295.90	0.003273	4.09	4961.87	714.49	0.27
Bell-2-Gober	52424	50-EV	17811.00	286.00	295.09		295.32	0.003302	3.90	4569.89	711.48	0.27
Bell-2-Gober	52424	25-EV	14903.00	286.00	294.42		294.62	0.003316	3.64	4093.14	706.62	0.27
Bell-2-Gober	52424	10-EV	7178.00	286.00	292.33		292.44	0.003259	2.72	2636.07	688.54	0.25
Bell-2-Gober	52424	5-EV	2428.00	286.00	290.21		290.27	0.003853	1.98	1225.70	578.59	0.24
Bell-2-Gober	52424	2-EV	533.00	286.00	288.46		288.48	0.002843	1.22	437.19	352.16	0.19
Bell-2-Gober	52274	100-EV	20303.00	286.00	295.13		295.41	0.003241	4.22	4808.44	683.99	0.28
Bell-2-Gober	52274	50-EV	17811.00	286.00	294.58		294.83	0.003241	4.02	4433.99	678.13	0.28
Bell-2-Gober	52274	25-EV	14903.00	286.00	293.91		294.13	0.003208	3.74	3983.87	671.01	0.27
Bell-2-Gober	52274	10-EV	7178.00	286.00	291.86		291.98	0.002918	2.73	2625.10	655.32	0.24
Bell-2-Gober	52274	5-EV	2428.00	286.00	289.62		289.68	0.003942	2.04	1191.48	574.78	0.25
Bell-2-Gober	52274	2-EV	533.00	286.00	287.77		287.82	0.007526	1.81	294.82	241.81	0.29
Bell-2-Gober	52124	100-EV	20043.00	284.17	294.65		294.91	0.003356	4.11	4871.12	695.69	0.27
Bell-2-Gober	52124	50-EV	17648.00	284.17	294.09		294.33	0.003393	3.93	4486.53	689.44	0.27
Bell-2-Gober	52124	25-EV	14799.00	284.17	293.43		293.63	0.003370	3.67	4031.05	680.92	0.27
Bell-2-Gober	52124	10-EV	7134.00	284.17	291.45		291.56	0.002675	2.61	2733.81	636.22	0.22
Bell-2-Gober	52124	5-EV	2400.00	284.17	289.05		289.10	0.003776	1.95	1233.41	583.27	0.24
Bell-2-Gober	52124	2-EV	520.00	284.17	286.97		287.01	0.004124	1.49	348.93	300.74	0.24
Bell-2-Gober	51974	100-EV	20043.00	284.00	293.76		294.17	0.007374	5.17	3874.70	654.18	0.37
Bell-2-Gober	51974	50-EV	17648.00	284.00	293.17		293.57	0.008048	5.06	3489.86	649.98	0.38
Bell-2-Gober	51974	25-EV	14799.00	284.00	292.48		292.85	0.008842	4.86	3043.25	643.24	0.39
Bell-2-Gober	51974	10-EV	7134.00	284.00	290.61		290.84	0.010280	3.84	1858.61	626.36	0.39
Bell-2-Gober	51974	5-EV	2400.00	284.00	288.04		288.22	0.010017	3.44	696.78	252.57	0.37
Bell-2-Gober	51974	2-EV	520.00	284.00	285.98		286.05	0.011224	2.17	239.62	188.33	0.34
Bell-2-Gober	51824	100-EV	20043.00	282.81	292.81		293.20	0.005684	5.05	3971.09	595.82	0.34
Bell-2-Gober	51824	50-EV	17648.00	282.81	292.12		292.50	0.006269	4.95	3562.89	592.56	0.36
Bell-2-Gober	51824	25-EV	14799.00	282.81	291.30		291.66	0.007087	4.80	3080.01	588.76	0.37
Bell-2-Gober	51824	10-EV	7134.00	282.81	289.14		289.38	0.009235	3.92	1820.46	578.65	0.39
Bell-2-Gober	51824	5-EV	2400.00	282.81	286.74		286.90	0.007780	3.24	740.83	265.28	0.34
Bell-2-Gober	51824	2-EV	520.00	282.81	284.91		284.95	0.005142	1.68	309.88	219.87	0.25
Bell-2-Gober	51674	100-EV	20043.00	281.57	292.17		292.48	0.003896	4.47	4488.52	611.66	0.29
Bell-2-Gober	51674	50-EV	17648.00	281.57	291.40		291.70	0.004325	4.39	4021.89	608.81	0.30
Bell-2-Gober	51674	25-EV	14799.00	281.57	290.47		290.75	0.005013	4.29	3453.19	605.32	0.32
Bell-2-Gober	51674	10-EV	7134.00	281.57	287.69		287.94	0.010061	3.98	1790.81	590.96	0.40
Bell-2-Gober	51674	5-EV	2400.00	281.57	285.23		285.44	0.012362	3.69	650.41	277.25	0.42
Bell-2-Gober	51674	2-EV	520.00	281.57	283.22		283.36	0.031881	3.06	169.93	196.96	0.58
Bell-2-Gober	51523	100-EV	20043.00	280.00	291.79		292.02	0.002199	3.83	5236.12	612.26	0.23
Bell-2-Gober	51523	50-EV	17648.00	280.00	291.00		291.21	0.002322	3.72	4750.08	607.46	0.23
Bell-2-Gober	51523	25-EV	14799.00	280.00	290.01		290.21	0.002485	3.56	4155.34	601.53	0.24
Bell-2-Gober	51523	10-EV	7134.00	280.00	286.95		287.09	0.003350	3.04	2346.40	580.05	0.27
Bell-2-Gober	51523	5-EV	2400.00	280.00	284.31		284.41	0.004114	2.59	925.79	373.65	0.29
Bell-2-Gober	51523	2-EV	520.00	280.00	282.17		282.21	0.003235	1.67	311.47	217.58	0.25
Bell-2-Gober	51374	100-EV	20043.00	280.00	291.50		291.72	0.001842	3.72	5391.39	588.70	0.22
Bell-2-Gober	51374	50-EV	17648.00	280.00	290.69		290.89	0.001926	3.59	4916.55	581.86	0.22
Bell-2-Gober	51374	25-EV	14799.00	280.00	289.69		289.87	0.002036	3.41	4337.75	572.92	0.22
Bell-2-Gober	51374	10-EV	7134.00	280.00	286.53		286.65	0.002641	2.80	2546.93	559.35	0.23
Bell-2-Gober	51374	5-EV	2400.00	280.00	283.78		283.86	0.003271	2.14	1120.64	430.40	0.23
Bell-2-Gober	51374	2-EV	520.00	280.00	281.77		281.79	0.002406	1.24	420.78	279.17	0.18
Bell-2-Gober	51224	100-EV	20043.00	278.43	291.22		291.44	0.001872	3.73	5371.78	581.10	0.22
Bell-2-Gober	51224	50-EV	17648.00	278.43	290.40		290.60	0.001928	3.60	4900.74	564.30	0.22
Bell-2-Gober	51224	25-EV	14799.00	278.43	289.39		289.57	0.001995	3.41	4336.07	551.77	0.21
Bell-2-Gober	51224	10-EV	7134.00	278.43	286.15		286.27	0.002399	2.76	2585.95	531.90	0.22
Bell-2-Gober	51224	5-EV	2400.00	278.43	283.28		283.35	0.003453	2.12	1130.93	482.71	0.24
Bell-2-Gober	51224	2-EV	520.00	278.43	281.09		281.14	0.009991	1.90	273.69	279.50	0.34
Bell-2-Gober	51074	100-EV	20043.00	277.24	290.89		291.12	0.002296	3.85	5210.24	554.70	0.22
Bell-2-Gober	51074	50-EV	17648.00	277.24	290.08		290.29	0.002153	3.69	4783.85	507.15	0.21
Bell-2-Gober	51074	25-EV	14799.00	277.24	289.07		289.25	0.002152	3.46	4275.44	496.84	0.21
Bell-2-Gober	51074	10-EV	7134.00	277.24	285.81		285.92	0.002207	2.65	2693.64	474.03	0.20
Bell-2-Gober	51074	5-EV	2400.00	277.24	282.90		282.95	0.002029	1.74	1380.00	426.55	0.17
Bell-2-Gober	51074	2-EV	520.00	277.24	280.37		280.39	0.002887	1.20	435.06	304.59	0.18

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	50923	100-EV	20043.00	276.00	290.43	283.77	290.73	0.002877	4.43	4519.85	667.14	0.26
Bell-2-Gober	50923	50-EV	17648.00	276.00	289.63	283.39	289.92	0.002844	4.26	4137.96	634.08	0.25
Bell-2-Gober	50923	25-EV	14799.00	276.00	288.63	282.93	288.88	0.002789	4.03	3676.13	596.50	0.25
Bell-2-Gober	50923	10-EV	7134.00	276.00	285.41	281.24	285.55	0.002591	3.07	2325.27	422.60	0.22
Bell-2-Gober	50923	5-EV	2400.00	276.00	282.57	279.57	282.63	0.002262	1.95	1232.67	374.79	0.19
Bell-2-Gober	50923	2-EV	520.00	276.00	280.04	277.97	280.06	0.001732	1.17	445.33	247.34	0.15
Bell-2-Gober	50774	100-EV	20043.00	275.93	289.54		290.16	0.004755	6.28	3191.06	368.34	0.38
Bell-2-Gober	50774	50-EV	17648.00	275.93	288.78		289.35	0.004788	6.06	2912.11	357.00	0.37
Bell-2-Gober	50774	25-EV	14799.00	275.93	287.80		288.32	0.004832	5.76	2571.26	343.55	0.37
Bell-2-Gober	50774	10-EV	7134.00	275.93	284.71		285.03	0.004724	4.50	1584.79	301.69	0.35
Bell-2-Gober	50774	5-EV	2400.00	275.93	282.02		282.16	0.004460	2.96	809.86	274.62	0.30
Bell-2-Gober	50774	2-EV	520.00	275.93	279.56		279.64	0.005323	2.25	231.09	149.90	0.32
Bell-2-Gober	50624	100-EV	20043.00	275.53	288.92		289.48	0.004152	5.99	3343.60	377.83	0.36
Bell-2-Gober	50624	50-EV	17648.00	275.53	288.13		288.65	0.004265	5.79	3050.20	370.95	0.36
Bell-2-Gober	50624	25-EV	14799.00	275.53	287.14		287.61	0.004458	5.51	2684.11	362.89	0.36
Bell-2-Gober	50624	10-EV	7134.00	275.53	283.94		284.26	0.005584	4.55	1566.89	334.80	0.37
Bell-2-Gober	50624	5-EV	2400.00	275.53	281.14		281.33	0.007034	3.50	685.84	264.97	0.38
Bell-2-Gober	50624	2-EV	520.00	275.53	278.66		278.79	0.005943	2.87	181.05	97.21	0.37
Bell-2-Gober	50399	100-EV	20043.00	273.89	288.41		288.72	0.002298	4.52	4434.23	441.36	0.25
Bell-2-Gober	50399	50-EV	17648.00	273.89	287.61		287.90	0.002310	4.32	4082.80	435.76	0.25
Bell-2-Gober	50399	25-EV	14799.00	273.89	286.58		286.84	0.002333	4.07	3640.19	427.94	0.25
Bell-2-Gober	50399	10-EV	7134.00	273.89	283.26		283.41	0.002450	3.15	2261.17	399.75	0.23
Bell-2-Gober	50399	5-EV	2400.00	273.89	280.42		280.49	0.002158	2.07	1160.75	377.96	0.21
Bell-2-Gober	50399	2-EV	520.00	273.89	278.24		278.26	0.001149	1.18	441.09	221.39	0.15
Bell-2-Gober	50174	100-EV	20043.00	276.00	287.65		288.10	0.003194	5.38	3724.56	401.38	0.31
Bell-2-Gober	50174	50-EV	17648.00	276.00	286.85		287.27	0.003248	5.18	3405.92	393.77	0.31
Bell-2-Gober	50174	25-EV	14799.00	276.00	285.83		286.20	0.003316	4.92	3007.08	382.88	0.31
Bell-2-Gober	50174	10-EV	7134.00	276.00	282.46		282.71	0.003923	4.02	1773.22	350.83	0.32
Bell-2-Gober	50174	5-EV	2400.00	276.00	279.65		279.78	0.004759	2.87	834.98	318.12	0.31
Bell-2-Gober	50174	2-EV	520.00	276.00	277.75		277.80	0.004575	1.82	284.98	215.22	0.28
Bell-2-Gober	50025	100-EV	20043.00	273.43	287.23		287.65	0.002800	5.17	3880.45	425.30	0.30
Bell-2-Gober	50025	50-EV	17648.00	273.43	286.42		286.80	0.002909	4.99	3534.45	420.67	0.30
Bell-2-Gober	50025	25-EV	14799.00	273.43	285.36		285.72	0.003085	4.78	3096.33	412.98	0.31
Bell-2-Gober	50025	10-EV	7134.00	273.43	281.84		282.11	0.004130	4.15	1718.85	361.42	0.34
Bell-2-Gober	50025	5-EV	2400.00	273.43	278.82		278.99	0.005951	3.31	725.92	300.05	0.37
Bell-2-Gober	50025	2-EV	520.00	273.43	276.80		276.90	0.008310	2.49	208.91	179.19	0.41
Bell-2-Gober	49874	100-EV	20043.00	271.46	286.92		287.27	0.002046	4.75	4217.31	404.88	0.26
Bell-2-Gober	49874	50-EV	17648.00	271.46	286.10		286.42	0.002054	4.54	3885.81	400.85	0.26
Bell-2-Gober	49874	25-EV	14799.00	271.46	285.04		285.32	0.002073	4.27	3464.09	394.97	0.25
Bell-2-Gober	49874	10-EV	7134.00	271.46	281.43		281.61	0.002425	3.43	2079.61	371.79	0.26
Bell-2-Gober	49874	5-EV	2400.00	271.46	278.19		278.30	0.003456	2.60	924.54	333.00	0.27
Bell-2-Gober	49874	2-EV	520.00	271.46	275.87		275.93	0.004950	1.98	262.39	191.03	0.30
Bell-2-Gober	49724	100-EV	20043.00	271.01	286.51		286.92	0.002632	5.11	3920.73	394.30	0.29
Bell-2-Gober	49724	50-EV	17648.00	271.01	285.69		286.06	0.002669	4.91	3597.76	389.95	0.28
Bell-2-Gober	49724	25-EV	14799.00	271.01	284.62		284.96	0.002751	4.65	3185.41	384.51	0.28
Bell-2-Gober	49724	10-EV	7134.00	271.01	280.98		281.21	0.002947	3.85	1854.87	318.62	0.28
Bell-2-Gober	49724	5-EV	2400.00	271.01	277.50		277.65	0.005504	3.10	774.76	300.49	0.34
Bell-2-Gober	49724	2-EV	520.00	271.01	274.87		274.99	0.008363	2.75	188.87	126.43	0.40
Bell-2-Gober	49574	100-EV	20043.00	271.00	285.63		286.40	0.004087	7.01	2857.98	278.02	0.39
Bell-2-Gober	49574	50-EV	17648.00	271.00	284.85		285.55	0.003971	6.67	2643.99	272.40	0.38
Bell-2-Gober	49574	25-EV	14799.00	271.00	283.85		284.46	0.003683	6.23	2377.09	259.13	0.36
Bell-2-Gober	49574	10-EV	7134.00	271.00	280.43		280.76	0.002938	4.59	1552.86	228.00	0.31
Bell-2-Gober	49574	5-EV	2400.00	271.00	276.97		277.11	0.002523	3.00	799.34	205.68	0.27
Bell-2-Gober	49574	2-EV	520.00	271.00	274.02		274.09	0.004316	2.14	243.28	161.38	0.31
Bell-2-Gober	49425	100-EV	20043.00	270.15	284.68	279.47	285.64	0.006116	7.85	2554.84	241.14	0.42
Bell-2-Gober	49425	50-EV	17648.00	270.15	283.97	278.91	284.82	0.005801	7.40	2384.55	236.78	0.41
Bell-2-Gober	49425	25-EV	14799.00	270.15	283.07	278.20	283.79	0.005357	6.81	2173.50	231.21	0.39
Bell-2-Gober	49425	10-EV	7134.00	270.15	279.87	275.87	280.24	0.004073	4.87	1464.57	212.61	0.33
Bell-2-Gober	49425	5-EV	2400.00	270.15	276.55	273.61	276.70	0.003031	3.04	790.53	191.53	0.26
Bell-2-Gober	49425	2-EV	520.00	270.15	273.57	271.77	273.62	0.002366	1.81	286.55	138.32	0.22
Bell-2-Gober	49199	100-EV	20043.00	270.00	284.19		284.62	0.002594	5.25	3820.94	456.40	0.32
Bell-2-Gober	49199	50-EV	17648.00	270.00	283.44		283.84	0.002628	5.07	3481.90	442.14	0.32
Bell-2-Gober	49199	25-EV	14799.00	270.00	282.50		282.86	0.002634	4.78	3098.37	391.17	0.30
Bell-2-Gober	49199	10-EV	7134.00	270.00	279.17		279.41	0.003058	3.90	1831.09	369.98	0.31
Bell-2-Gober	49199	5-EV	2400.00	270.00	275.84		275.99	0.003190	3.13	767.35	218.62	0.29
Bell-2-Gober	49199	2-EV	520.00	270.00	272.96		273.03	0.002919	2.07	250.97	130.55	0.26
Bell-2-Gober	49049	100-EV	20043.00	270.00	283.96		284.24	0.001990	4.23	4735.42	503.04	0.24
Bell-2-Gober	49049	50-EV	17648.00	270.00	283.22		283.47	0.001777	4.03	4380.25	460.30	0.23
Bell-2-Gober	49049	25-EV	14799.00	270.00	282.29		282.50	0.001698	3.74	3955.33	449.14	0.22

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	49049	10-EV	7134.00	270.00	278.91		279.04	0.001749	2.88	2476.51	427.13	0.21
Bell-2-Gober	49049	5-EV	2400.00	270.00	275.38		275.47	0.003630	2.38	1008.91	402.44	0.26
Bell-2-Gober	49049	2-EV	520.00	270.00	272.30		272.41	0.006226	2.60	200.02	117.95	0.35
Bell-2-Gober	48824	100-EV	20043.00	269.00	283.52		283.77	0.002114	3.97	5049.44	481.23	0.22
Bell-2-Gober	48824	50-EV	17648.00	269.00	282.82		283.03	0.002040	3.75	4712.29	476.34	0.21
Bell-2-Gober	48824	25-EV	14799.00	269.00	281.90		282.08	0.001956	3.46	4277.21	470.88	0.20
Bell-2-Gober	48824	10-EV	7134.00	269.00	278.51		278.61	0.001944	2.63	2714.56	444.53	0.19
Bell-2-Gober	48824	5-EV	2400.00	269.00	274.56		274.63	0.003695	2.17	1106.21	379.51	0.22
Bell-2-Gober	48824	2-EV	520.00	269.00	271.22		271.31	0.003896	2.37	219.03	111.40	0.30
Bell-2-Gober	48524	100-EV	20043.00	267.01	282.57		282.98	0.003244	5.08	3945.07	392.38	0.28
Bell-2-Gober	48524	50-EV	17648.00	267.01	281.92		282.28	0.003082	4.78	3691.59	386.42	0.27
Bell-2-Gober	48524	25-EV	14799.00	267.01	281.07		281.37	0.002837	4.39	3368.19	374.48	0.26
Bell-2-Gober	48524	10-EV	7134.00	267.01	277.78		277.94	0.002575	3.26	2185.10	350.33	0.23
Bell-2-Gober	48524	5-EV	2400.00	267.01	273.54		273.66	0.002841	2.77	865.44	203.23	0.24
Bell-2-Gober	48524	2-EV	520.00	267.01	270.43		270.47	0.002034	1.63	318.47	145.47	0.19
Bell-2-Gober	48374	100-EV	20043.00	267.00	281.68	276.08	282.30	0.006002	6.35	3153.98	386.58	0.39
Bell-2-Gober	48374	50-EV	17648.00	267.00	281.07	275.52	281.63	0.005893	6.04	2919.80	378.87	0.38
Bell-2-Gober	48374	25-EV	14799.00	267.00	280.27	274.82	280.76	0.005756	5.64	2622.62	368.55	0.37
Bell-2-Gober	48374	10-EV	7134.00	267.00	277.19	272.31	277.48	0.003496	4.31	1655.67	229.66	0.28
Bell-2-Gober	48374	5-EV	2400.00	267.00	273.03	270.12	273.18	0.003590	3.12	788.55	177.54	0.26
Bell-2-Gober	48374	2-EV	520.00	267.00	270.05	268.44	270.10	0.003068	1.83	283.89	137.35	0.22
Bell-2-Gober	48224	100-EV	20043.00	266.00	280.07	276.93	281.01	0.012525	7.78	2576.60	365.19	0.52
Bell-2-Gober	48224	50-EV	17648.00	266.00	279.50	276.42	280.36	0.012374	7.44	2371.48	354.38	0.51
Bell-2-Gober	48224	25-EV	14799.00	266.00	278.77	275.67	279.53	0.012099	6.99	2115.88	338.85	0.49
Bell-2-Gober	48224	10-EV	7134.00	266.00	276.16	271.95	276.62	0.010591	5.40	1321.75	271.70	0.43
Bell-2-Gober	48224	5-EV	2400.00	266.00	272.42	269.33	272.63	0.003615	3.69	650.10	133.62	0.30
Bell-2-Gober	48224	2-EV	520.00	266.00	269.76	267.60	269.80	0.001408	1.62	320.29	115.34	0.17
Bell-2-Gober	47999	100-EV	20043.00	266.00	278.59	275.12	279.16	0.005228	6.07	3299.79	485.70	0.41
Bell-2-Gober	47999	50-EV	17648.00	266.00	278.03	274.70	278.55	0.005103	5.82	3030.56	475.82	0.41
Bell-2-Gober	47999	25-EV	14799.00	266.00	277.31	274.19	277.78	0.004917	5.49	2694.60	464.74	0.40
Bell-2-Gober	47999	10-EV	7134.00	266.00	274.88	271.69	275.18	0.004041	4.40	1622.55	396.72	0.38
Bell-2-Gober	47999	5-EV	2400.00	266.00	271.47	269.72	271.69	0.004843	3.76	638.06	197.15	0.37
Bell-2-Gober	47999	2-EV	520.00	266.00	269.20	267.82	269.28	0.004228	2.30	225.79	165.79	0.35
Bell-2-Gober	47774	100-EV	20043.00	265.00	277.13	274.03	277.73	0.007941	6.24	3212.42	485.03	0.43
Bell-2-Gober	47774	50-EV	17648.00	265.00	276.58	273.68	277.14	0.008058	5.99	2948.25	478.41	0.43
Bell-2-Gober	47774	25-EV	14799.00	265.00	275.88	273.24	276.38	0.008231	5.65	2618.40	469.75	0.42
Bell-2-Gober	47774	10-EV	7134.00	265.00	273.42	270.66	273.77	0.011009	4.75	1501.99	431.53	0.45
Bell-2-Gober	47774	5-EV	2400.00	265.00	270.08	268.69	270.36	0.007398	4.23	567.79	191.33	0.43
Bell-2-Gober	47774	2-EV	520.00	265.00	267.99	267.14	268.09	0.007027	2.58	201.85	142.60	0.38
Bell-2-Gober	47625	100-EV	20043.00	263.00	276.12		276.61	0.006598	5.61	3574.13	555.69	0.39
Bell-2-Gober	47625	50-EV	17648.00	263.00	275.52		275.98	0.006960	5.44	3242.53	548.12	0.39
Bell-2-Gober	47625	25-EV	14799.00	263.00	274.74		275.17	0.007668	5.26	2815.33	538.18	0.41
Bell-2-Gober	47625	10-EV	7134.00	263.00	271.67		272.12	0.010890	5.37	1327.75	355.18	0.49
Bell-2-Gober	47625	5-EV	2400.00	263.00	268.72		269.06	0.010161	4.62	519.04	199.30	0.51
Bell-2-Gober	47625	2-EV	520.00	263.00	266.65		266.81	0.010572	3.21	161.79	113.38	0.47
Bell-2-Gober	47474	100-EV	20043.00	261.07	274.97		275.68	0.005494	6.78	2956.44	473.41	0.48
Bell-2-Gober	47474	50-EV	17648.00	261.07	274.34		275.02	0.005570	6.62	2664.92	456.77	0.48
Bell-2-Gober	47474	25-EV	14799.00	261.07	273.49		274.14	0.005797	6.48	2284.44	436.90	0.50
Bell-2-Gober	47474	10-EV	7134.00	261.07	270.42		270.89	0.006249	5.48	1302.37	279.27	0.45
Bell-2-Gober	47474	5-EV	2400.00	261.07	267.33		267.66	0.008371	4.60	521.48	182.55	0.48
Bell-2-Gober	47474	2-EV	520.00	261.07	264.47		264.75	0.018046	4.26	122.17	83.91	0.62
Bell-2-Gober	47324	100-EV	20043.00	260.02	273.81		274.70	0.007665	7.58	2645.20	425.23	0.54
Bell-2-Gober	47324	50-EV	17648.00	260.02	273.23		274.07	0.007194	7.32	2412.51	384.61	0.51
Bell-2-Gober	47324	25-EV	14799.00	260.02	272.48		273.22	0.006442	6.91	2142.07	330.02	0.48
Bell-2-Gober	47324	10-EV	7134.00	260.02	269.57		270.03	0.005331	5.43	1313.14	257.41	0.42
Bell-2-Gober	47324	5-EV	2400.00	260.02	266.41		266.66	0.005264	3.99	601.14	189.47	0.40
Bell-2-Gober	47324	2-EV	520.00	260.02	263.37		263.48	0.004602	2.64	197.04	99.76	0.33
Bell-2-Gober	47174	100-EV	20043.00	258.76	270.25	270.25	272.60	0.027019	12.30	1628.92	351.89	1.01
Bell-2-Gober	47174	50-EV	17648.00	258.76	269.75	269.75	272.02	0.028282	12.09	1459.40	321.32	1.00
Bell-2-Gober	47174	25-EV	14799.00	258.76	269.02	269.02	271.23	0.032050	11.94	1239.32	283.09	1.01
Bell-2-Gober	47174	10-EV	7134.00	258.76	266.44	266.44	268.22	0.036704	10.72	665.58	187.96	1.00
Bell-2-Gober	47174	5-EV	2400.00	258.76	263.58	263.58	264.86	0.039945	9.07	264.55	104.07	1.00
Bell-2-Gober	47174	2-EV	520.00	258.76	261.12	261.12	261.81	0.048857	6.65	78.18	58.68	1.02
Bell-2-Gober	47059	100-EV	20043.00	254.20	269.90	264.24	271.01	0.003777	8.43	2377.35	200.46	0.43
Bell-2-Gober	47059	50-EV	17648.00	254.20	268.78	263.61	269.82	0.003947	8.19	2155.44	196.04	0.44
Bell-2-Gober	47059	25-EV	14799.00	254.20	267.33	262.82	268.30	0.004254	7.89	1875.48	190.34	0.44
Bell-2-Gober	47059	10-EV	7134.00	254.20	263.07	260.26	263.72	0.005237	6.49	1098.99	173.65	0.45
Bell-2-Gober	47059	5-EV	2400.00	254.20	259.50	257.44	259.84	0.006038	4.67	514.45	144.61	0.44
Bell-2-Gober	47059	2-EV	520.00	254.20	256.91	255.59	257.00	0.003587	2.46	211.21	98.71	0.30

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	46994		Bridge									
Bell-2-Gober	46931	100-EV	20043.00	251.76	266.65		267.88	0.004325	8.92	2246.83	181.04	0.45
Bell-2-Gober	46931	50-EV	17648.00	251.76	265.45		266.62	0.004550	8.68	2032.31	176.69	0.45
Bell-2-Gober	46931	25-EV	14799.00	251.76	263.88		264.98	0.004964	8.40	1760.79	171.03	0.46
Bell-2-Gober	46931	10-EV	7134.00	251.76	259.36		260.12	0.006220	6.96	1024.86	154.65	0.48
Bell-2-Gober	46931	5-EV	2400.00	251.76	255.94		256.28	0.006244	4.64	517.05	142.25	0.43
Bell-2-Gober	46931	2-EV	520.00	251.76	253.62		253.73	0.006283	2.63	197.93	127.67	0.37
Bell-2-Gober	46887	100-EV	20043.00	251.57	266.71	260.20	267.50	0.003138	7.13	2811.05	304.59	0.37
Bell-2-Gober	46887	50-EV	17648.00	251.57	265.48	259.53	266.24	0.003381	7.02	2515.04	296.18	0.38
Bell-2-Gober	46887	25-EV	14799.00	251.57	263.87	258.73	264.62	0.003842	6.94	2132.76	284.50	0.41
Bell-2-Gober	46887	10-EV	7134.00	251.57	259.18	256.17	259.80	0.005244	6.27	1138.45	176.42	0.43
Bell-2-Gober	46887	5-EV	2400.00	251.57	255.71	253.99	256.00	0.005430	4.28	560.18	157.30	0.40
Bell-2-Gober	46887	2-EV	520.00	251.57	253.34	252.63	253.45	0.006505	2.55	203.69	142.36	0.38
Bell-2-Gober	46841	100-EV	20043.00	251.38	266.78	258.94	267.29	0.002432	5.72	3503.59	352.82	0.29
Bell-2-Gober	46841	50-EV	17648.00	251.38	265.53	258.36	266.03	0.002681	5.62	3138.08	342.48	0.30
Bell-2-Gober	46841	25-EV	14799.00	251.38	263.90	257.64	264.38	0.003161	5.55	2667.28	332.70	0.32
Bell-2-Gober	46841	10-EV	7134.00	251.38	259.15	255.38	259.54	0.003531	4.99	1430.15	215.08	0.34
Bell-2-Gober	46841	5-EV	2400.00	251.38	255.60	253.49	255.78	0.003245	3.36	714.41	191.67	0.31
Bell-2-Gober	46841	2-EV	520.00	251.38	253.13	252.35	253.20	0.004293	2.04	254.40	179.49	0.30
Bell-2-Gober	46786	100-EV	20043.00	251.14	266.81		267.13	0.001493	4.56	4454.27	476.65	0.25
Bell-2-Gober	46786	50-EV	17648.00	251.14	265.54		265.86	0.001749	4.58	3860.13	443.18	0.26
Bell-2-Gober	46786	25-EV	14799.00	251.14	263.87		264.20	0.001964	4.63	3197.84	365.53	0.28
Bell-2-Gober	46786	10-EV	7134.00	251.14	259.08		259.36	0.002210	4.19	1702.02	246.56	0.28
Bell-2-Gober	46786	5-EV	2400.00	251.14	255.51		255.63	0.002023	2.76	870.55	222.17	0.25
Bell-2-Gober	46786	2-EV	520.00	251.14	252.99		253.03	0.002291	1.60	325.24	207.33	0.23
Bell-2-Gober	46738	100-EV	20043.00	250.34	266.78		267.04	0.001552	4.09	4901.62	515.67	0.23
Bell-2-Gober	46738	50-EV	17648.00	250.34	265.49		265.76	0.001604	4.14	4264.19	470.31	0.24
Bell-2-Gober	46738	25-EV	14799.00	250.34	263.83		264.10	0.001591	4.16	3558.69	386.24	0.24
Bell-2-Gober	46738	10-EV	7134.00	250.34	259.04		259.24	0.001495	3.60	1980.46	269.29	0.23
Bell-2-Gober	46738	5-EV	2400.00	250.34	255.46		255.54	0.001240	2.28	1053.19	248.51	0.20
Bell-2-Gober	46738	2-EV	520.00	250.34	252.93		252.96	0.000870	1.15	450.66	226.78	0.14
Bell-2-Gober	46499	100-EV	20043.00	249.00	266.46		266.72	0.001124	4.13	4849.56	524.95	0.24
Bell-2-Gober	46499	50-EV	17648.00	249.00	265.14		265.42	0.001294	4.19	4210.16	449.74	0.24
Bell-2-Gober	46499	25-EV	14799.00	249.00	263.47		263.74	0.001407	4.18	3539.32	387.14	0.24
Bell-2-Gober	46499	10-EV	7134.00	249.00	258.50		258.77	0.002650	4.14	1724.00	295.91	0.30
Bell-2-Gober	46499	5-EV	2400.00	249.00	254.80		254.99	0.005368	3.46	693.05	261.33	0.37
Bell-2-Gober	46499	2-EV	520.00	249.00	252.34		252.47	0.008609	2.84	182.91	132.28	0.43
Bell-2-Gober	46348	100-EV	20043.00	248.10	266.30		266.49	0.001721	3.48	5754.87	629.47	0.20
Bell-2-Gober	46348	50-EV	17648.00	248.10	264.94		265.14	0.002219	3.60	4903.05	620.75	0.23
Bell-2-Gober	46348	25-EV	14799.00	248.10	263.19		263.42	0.003163	3.85	3841.45	573.14	0.26
Bell-2-Gober	46348	10-EV	7134.00	248.10	258.07		258.31	0.003357	3.93	1816.39	358.01	0.31
Bell-2-Gober	46348	5-EV	2400.00	248.10	253.85		254.08	0.006722	3.79	633.97	238.00	0.41
Bell-2-Gober	46348	2-EV	520.00	248.10	251.33		251.42	0.005551	2.49	209.14	125.23	0.34
Bell-2-Gober	46198	100-EV	20043.00	247.20	265.89		266.18	0.002429	4.28	4677.78	576.34	0.27
Bell-2-Gober	46198	50-EV	17648.00	247.20	264.48		264.79	0.002335	4.47	3951.98	457.32	0.27
Bell-2-Gober	46198	25-EV	14799.00	247.20	262.79		263.10	0.001517	4.46	3314.73	290.99	0.23
Bell-2-Gober	46198	10-EV	7134.00	247.20	257.71		257.93	0.001926	3.76	1896.67	269.85	0.25
Bell-2-Gober	46198	5-EV	2400.00	247.20	253.11		253.29	0.004125	3.33	719.74	223.57	0.33
Bell-2-Gober	46198	2-EV	520.00	247.20	250.30		250.42	0.008227	2.80	185.96	126.37	0.41
Bell-2-Gober	46048	100-EV	20043.00	245.37	265.52		265.88	0.001548	4.86	4126.81	498.55	0.30
Bell-2-Gober	46048	50-EV	17648.00	245.37	264.07		264.48	0.001794	5.13	3439.81	441.50	0.32
Bell-2-Gober	46048	25-EV	14799.00	245.37	262.37		262.82	0.002084	5.37	2754.26	336.85	0.33
Bell-2-Gober	46048	10-EV	7134.00	245.37	257.20		257.57	0.002968	4.88	1462.77	216.87	0.33
Bell-2-Gober	46048	5-EV	2400.00	245.37	252.38		252.64	0.004402	4.06	590.63	149.14	0.36
Bell-2-Gober	46048	2-EV	520.00	245.37	249.35		249.46	0.005152	2.66	195.29	105.71	0.35
Bell-2-Gober	45898	100-EV	20043.00	245.00	265.26	255.89	265.67	0.001244	5.14	3897.35	282.10	0.24
Bell-2-Gober	45898	50-EV	17648.00	245.00	263.85	255.37	264.24	0.001345	5.04	3503.92	273.64	0.25
Bell-2-Gober	45898	25-EV	14799.00	245.00	262.17	254.70	262.53	0.001470	4.85	3051.67	265.91	0.25
Bell-2-Gober	45898	10-EV	7134.00	245.00	256.88	251.85	257.16	0.002211	4.21	1693.61	247.83	0.28
Bell-2-Gober	45898	5-EV	2400.00	245.00	251.77	249.40	252.00	0.004010	3.86	622.07	160.42	0.35
Bell-2-Gober	45898	2-EV	520.00	245.00	248.43	247.26	248.57	0.006756	2.99	173.67	97.02	0.39
Bell-2-Gober	45748	100-EV	20043.00	245.00	264.92		265.42	0.002146	5.68	3527.25	286.06	0.29
Bell-2-Gober	45748	50-EV	17648.00	245.00	263.49		263.98	0.002099	5.62	3139.76	257.27	0.28
Bell-2-Gober	45748	25-EV	14799.00	245.00	261.81		262.27	0.002056	5.43	2726.11	235.43	0.28
Bell-2-Gober	45748	10-EV	7134.00	245.00	256.51		256.82	0.002204	4.49	1588.29	200.06	0.28
Bell-2-Gober	45748	5-EV	2400.00	245.00	251.24		251.46	0.003241	3.74	641.92	144.76	0.31
Bell-2-Gober	45748	2-EV	520.00	245.00	247.80		247.89	0.003220	2.39	217.28	96.75	0.28
Bell-2-Gober	45598	100-EV	20043.00	244.12	263.16	258.12	264.81	0.005737	10.30	1945.60	202.66	0.59
Bell-2-Gober	45598	50-EV	17648.00	244.12	261.47	257.06	263.32	0.006754	10.92	1616.56	187.19	0.65

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	45598	25-EV	14799.00	244.12	259.63	255.66	261.58	0.007525	11.20	1321.37	136.13	0.63
Bell-2-Gober	45598	10-EV	7134.00	244.12	254.95	251.68	256.18	0.007272	8.88	803.31	94.50	0.54
Bell-2-Gober	45598	5-EV	2400.00	244.12	250.04	248.14	250.67	0.008522	6.37	376.95	78.88	0.51
Bell-2-Gober	45598	2-EV	520.00	244.12	247.10	245.84	247.26	0.005333	3.22	161.69	67.26	0.37
Bell-2-Gober	45523	100-EV	20043.00	243.97	262.82	255.98	264.29	0.006833	9.74	2058.44	257.60	0.49
Bell-2-Gober	45523	50-EV	17648.00	243.97	261.22	255.13	262.71	0.006824	9.78	1805.14	226.16	0.49
Bell-2-Gober	45523	25-EV	14799.00	243.97	259.49	254.03	260.88	0.006657	9.48	1561.83	201.16	0.49
Bell-2-Gober	45523	10-EV	7134.00	243.97	254.79	250.53	255.59	0.005240	7.18	993.43	130.26	0.43
Bell-2-Gober	45523	5-EV	2400.00	243.97	249.62	247.49	250.06	0.006482	5.32	450.85	97.50	0.44
Bell-2-Gober	45523	2-EV	520.00	243.97	246.77	245.52	246.89	0.004450	2.75	189.17	85.07	0.32
Bell-2-Gober	45373	100-EV	20266.00	243.00	262.57		263.45	0.003133	7.53	2692.99	189.51	0.35
Bell-2-Gober	45373	50-EV	17828.00	243.00	260.98		261.83	0.003271	7.43	2399.66	179.68	0.36
Bell-2-Gober	45373	25-EV	14942.00	243.00	259.22		260.02	0.003351	7.14	2093.20	171.46	0.36
Bell-2-Gober	45373	10-EV	7102.00	243.00	254.46		254.91	0.002941	5.39	1316.45	153.84	0.33
Bell-2-Gober	45373	5-EV	2468.00	243.00	248.79		249.14	0.005526	4.72	522.91	123.89	0.41
Bell-2-Gober	45373	2-EV	614.00	243.00	245.63		245.84	0.011044	3.66	167.70	100.11	0.50
Bell-2-Gober	45298	100-EV	20266.00	242.01	262.53		263.18	0.002304	6.46	3137.74	216.17	0.30
Bell-2-Gober	45298	50-EV	17828.00	242.01	260.93		261.56	0.002401	6.36	2802.18	203.79	0.30
Bell-2-Gober	45298	25-EV	14942.00	242.01	259.16		259.74	0.002422	6.09	2454.38	191.76	0.30
Bell-2-Gober	45298	10-EV	7102.00	242.01	254.38		254.69	0.001981	4.47	1588.75	171.24	0.26
Bell-2-Gober	45298	5-EV	2468.00	242.01	248.56		248.77	0.003419	3.74	659.43	144.84	0.31
Bell-2-Gober	45298	2-EV	614.00	242.01	244.84		245.02	0.010503	3.49	176.15	108.80	0.48
Bell-2-Gober	45147	100-EV	20266.00	240.09	262.46		262.84	0.001327	4.93	4112.73	272.58	0.22
Bell-2-Gober	45147	50-EV	17828.00	240.09	260.87		261.23	0.001191	4.81	3708.74	242.38	0.22
Bell-2-Gober	45147	25-EV	14942.00	240.09	259.10		259.42	0.001140	4.54	3290.13	231.22	0.21
Bell-2-Gober	45147	10-EV	7102.00	240.09	254.30		254.46	0.000846	3.19	2223.47	214.89	0.18
Bell-2-Gober	45147	5-EV	2468.00	240.09	248.37		248.47	0.001116	2.43	1014.50	190.44	0.19
Bell-2-Gober	45147	2-EV	614.00	240.09	243.76		243.88	0.005620	2.72	225.64	125.86	0.36
Bell-2-Gober	44998	100-EV	20266.00	239.12	262.06		262.53	0.003291	5.52	3670.53	348.89	0.30
Bell-2-Gober	44998	50-EV	17828.00	239.12	260.50		260.98	0.002125	5.56	3204.19	253.86	0.28
Bell-2-Gober	44998	25-EV	14942.00	239.12	258.73		259.18	0.002029	5.38	2778.76	232.24	0.27
Bell-2-Gober	44998	10-EV	7102.00	239.12	254.05		254.29	0.001270	3.97	1789.93	179.93	0.22
Bell-2-Gober	44998	5-EV	2468.00	239.12	248.17		248.30	0.001104	2.82	874.21	133.79	0.19
Bell-2-Gober	44998	2-EV	614.00	239.12	243.23		243.31	0.002645	2.27	270.74	112.54	0.26
Bell-2-Gober	44848	100-EV	20266.00	238.00	260.65		261.73	0.008135	8.33	2432.03	216.59	0.44
Bell-2-Gober	44848	50-EV	17828.00	238.00	259.32		260.38	0.007536	8.25	2159.89	191.64	0.43
Bell-2-Gober	44848	25-EV	14942.00	238.00	257.60		258.61	0.007102	8.06	1853.37	170.29	0.43
Bell-2-Gober	44848	10-EV	7102.00	238.00	253.39		253.93	0.004635	5.93	1198.08	140.27	0.36
Bell-2-Gober	44848	5-EV	2468.00	238.00	247.76		248.04	0.002472	4.27	577.52	83.15	0.29
Bell-2-Gober	44848	2-EV	614.00	238.00	242.78		242.91	0.002598	2.84	216.24	62.84	0.27
Bell-2-Gober	44698	100-EV	20266.00	237.06	259.50		260.55	0.007597	8.22	2465.47	212.78	0.43
Bell-2-Gober	44698	50-EV	17828.00	237.06	258.32		259.31	0.006587	8.00	2228.77	186.35	0.41
Bell-2-Gober	44698	25-EV	14942.00	237.06	256.72		257.63	0.005784	7.63	1957.51	163.47	0.39
Bell-2-Gober	44698	10-EV	7102.00	237.06	252.89		253.31	0.003418	5.21	1364.29	145.53	0.30
Bell-2-Gober	44698	5-EV	2468.00	237.06	247.43		247.64	0.002619	3.68	670.69	96.18	0.25
Bell-2-Gober	44698	2-EV	614.00	237.06	242.45		242.53	0.002307	2.34	262.44	68.54	0.21
Bell-2-Gober	44548	100-EV	20266.00	236.97	258.60		259.38	0.006975	7.08	2863.94	303.18	0.41
Bell-2-Gober	44548	50-EV	17828.00	236.97	257.55		258.30	0.005915	6.92	2577.02	241.31	0.37
Bell-2-Gober	44548	25-EV	14942.00	236.97	256.17		256.83	0.004066	6.53	2288.22	194.36	0.34
Bell-2-Gober	44548	10-EV	7102.00	236.97	252.52		252.83	0.002604	4.43	1602.02	181.81	0.26
Bell-2-Gober	44548	5-EV	2468.00	236.97	247.16		247.31	0.001706	3.10	795.96	102.42	0.20
Bell-2-Gober	44548	2-EV	614.00	236.97	242.20		242.25	0.001476	1.85	331.71	84.39	0.16
Bell-2-Gober	44398	100-EV	20266.00	236.20	255.77	253.72	257.87	0.012467	11.62	1744.71	206.91	0.71
Bell-2-Gober	44398	50-EV	17828.00	236.20	254.74	253.17	256.84	0.014460	11.62	1534.55	200.27	0.74
Bell-2-Gober	44398	25-EV	14942.00	236.20	253.47	252.31	255.57	0.017585	11.61	1286.50	191.64	0.79
Bell-2-Gober	44398	10-EV	7102.00	236.20	249.69	249.62	251.70	0.033175	11.38	624.30	150.25	0.98
Bell-2-Gober	44398	5-EV	2468.00	236.20	244.67	243.92	246.50	0.023504	10.86	227.27	42.94	0.83
Bell-2-Gober	44398	2-EV	614.00	236.20	240.92		241.64	0.019008	6.80	90.30	30.12	0.69
Bell-2-Gober	44248	100-EV	20266.00	236.01	249.91	249.91	255.02	0.024485	18.13	1117.81	110.69	1.01
Bell-2-Gober	44248	50-EV	17828.00	236.01	248.97	248.97	253.76	0.025122	17.57	1014.95	107.09	1.01
Bell-2-Gober	44248	25-EV	14942.00	236.01	247.77	247.77	252.15	0.026153	16.80	889.33	102.51	1.01
Bell-2-Gober	44248	10-EV	7102.00	236.01	243.89	243.89	246.81	0.030789	13.71	518.16	89.06	1.00
Bell-2-Gober	44248	5-EV	2468.00	236.01	240.45	240.45	242.11	0.036347	10.34	238.77	72.04	1.00
Bell-2-Gober	44248	2-EV	614.00	236.01	238.81		239.16	0.013282	4.71	130.39	60.62	0.57
Bell-2-Gober	44098	100-EV	20266.00	235.16	239.72	241.80	246.86	0.191914	21.44	945.37	303.36	2.14
Bell-2-Gober	44098	50-EV	17828.00	235.16	239.55	241.37	245.70	0.176268	19.90	896.05	302.14	2.04
Bell-2-Gober	44098	25-EV	14942.00	235.16	239.37	240.84	244.28	0.152021	17.78	840.45	300.75	1.87
Bell-2-Gober	44098	10-EV	7102.00	235.16	240.51	239.14	241.07	0.011332	5.97	1190.12	309.33	0.54
Bell-2-Gober	44098	5-EV	2468.00	235.16	238.77	237.80	238.99	0.008855	3.72	663.40	295.72	0.44
Bell-2-Gober	44098	2-EV	614.00	235.16	237.48		237.55	0.008048	2.12	289.49	282.99	0.37

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	43948	100-EV	20266.00	234.11	242.27	239.94	243.10	0.007927	7.30	2775.62	440.65	0.51
Bell-2-Gober	43948	50-EV	17828.00	234.11	241.81	239.60	242.56	0.007833	6.93	2571.98	438.30	0.50
Bell-2-Gober	43948	25-EV	14942.00	234.11	241.22	239.17	241.87	0.007707	6.45	2316.32	435.32	0.49
Bell-2-Gober	43948	10-EV	7102.00	234.11	239.31	237.83	239.67	0.007211	4.75	1494.47	425.76	0.45
Bell-2-Gober	43948	5-EV	2468.00	234.11	237.66	236.69	237.81	0.006784	3.09	797.91	416.04	0.39
Bell-2-Gober	43948	2-EV	614.00	234.11	236.47	235.85	236.53	0.005849	1.84	334.05	340.65	0.33
Bell-2-Gober	43798	100-EV	20266.00	232.25	241.15	238.75	241.88	0.008021	6.86	2955.39	481.59	0.49
Bell-2-Gober	43798	50-EV	17828.00	232.25	240.69	238.43	241.35	0.007964	6.52	2734.96	479.08	0.48
Bell-2-Gober	43798	25-EV	14942.00	232.25	240.11	238.02	240.69	0.007894	6.08	2457.80	475.91	0.47
Bell-2-Gober	43798	10-EV	7102.00	232.25	238.24	236.76	238.55	0.007534	4.51	1575.92	465.04	0.43
Bell-2-Gober	43798	5-EV	2468.00	232.25	236.66	235.62	236.79	0.006820	2.90	851.34	454.99	0.37
Bell-2-Gober	43798	2-EV	614.00	232.25	235.23	234.64	235.31	0.012131	2.27	270.92	316.46	0.43
Bell-2-Gober	43573	100-EV	20266.00	228.57	239.39	236.94	240.03	0.008102	6.44	3146.10	534.04	0.47
Bell-2-Gober	43573	50-EV	17828.00	228.57	238.93	236.64	239.51	0.008117	6.15	2899.95	529.83	0.46
Bell-2-Gober	43573	25-EV	14942.00	228.57	238.34	236.26	238.85	0.008184	5.77	2588.67	524.45	0.46
Bell-2-Gober	43573	10-EV	7102.00	228.57	236.36	234.89	236.67	0.009220	4.53	1568.90	505.28	0.45
Bell-2-Gober	43573	5-EV	2468.00	228.57	234.21	233.08	234.47	0.016995	4.09	603.09	345.17	0.55
Bell-2-Gober	43573	2-EV	614.00	228.57	231.56	230.61	231.84	0.019791	4.20	146.09	64.85	0.49
Bell-2-Gober	43423	100-EV	20266.00	226.06	238.14	235.60	238.78	0.008645	6.40	3165.58	576.75	0.46
Bell-2-Gober	43423	50-EV	17828.00	226.06	237.69	235.29	238.26	0.008484	6.08	2930.28	567.78	0.45
Bell-2-Gober	43423	25-EV	14942.00	226.06	237.11	234.88	237.62	0.008253	5.67	2633.01	556.35	0.44
Bell-2-Gober	43423	10-EV	7102.00	226.06	235.15	233.30	235.45	0.007243	4.35	1634.33	500.35	0.42
Bell-2-Gober	43423	5-EV	2468.00	226.06	232.53	230.26	232.79	0.007922	4.02	613.88	198.48	0.40
Bell-2-Gober	43423	2-EV	614.00	226.06	229.90	228.35	230.00	0.007944	2.53	242.85	121.20	0.31
Bell-2-Gober	43273	100-EV	20266.00	226.00	236.45	234.74	237.24	0.012086	7.15	2832.82	600.75	0.56
Bell-2-Gober	43273	50-EV	17828.00	226.00	235.98	234.45	236.72	0.012444	6.93	2571.25	590.22	0.57
Bell-2-Gober	43273	25-EV	14942.00	226.00	235.38	234.06	236.07	0.012986	6.66	2242.70	577.76	0.58
Bell-2-Gober	43273	10-EV	7102.00	226.00	233.30	232.60	233.88	0.015758	6.09	1165.56	469.75	0.68
Bell-2-Gober	43273	5-EV	2468.00	226.00	230.96	229.12	231.34	0.011884	4.95	498.75	130.72	0.45
Bell-2-Gober	43273	2-EV	614.00	226.00	228.62	227.39	228.74	0.008887	2.76	222.47	104.77	0.33
Bell-2-Gober	43123	100-EV	20266.00	224.06	235.34	232.44	235.85	0.006574	5.75	3524.25	681.92	0.41
Bell-2-Gober	43123	50-EV	17828.00	224.06	234.87	232.12	235.33	0.006442	5.49	3248.04	639.67	0.41
Bell-2-Gober	43123	25-EV	14942.00	224.06	234.27	231.72	234.68	0.006234	5.14	2904.83	614.16	0.40
Bell-2-Gober	43123	10-EV	7102.00	224.06	232.30	230.31	232.54	0.005091	3.91	1816.72	527.82	0.37
Bell-2-Gober	43123	5-EV	2468.00	224.06	230.14	227.83	230.29	0.004102	3.10	795.89	377.38	0.38
Bell-2-Gober	43123	2-EV	614.00	224.06	227.40	226.47	227.50	0.007743	2.54	241.75	144.30	0.35
Bell-2-Gober	42973	100-EV	20266.00	224.00	234.33	232.44	234.78	0.007486	5.38	3765.94	639.51	0.39
Bell-2-Gober	42973	50-EV	17828.00	224.00	233.86	232.12	234.27	0.007595	5.15	3463.89	635.93	0.39
Bell-2-Gober	42973	25-EV	14942.00	224.00	233.26	231.62	233.62	0.007760	4.84	3086.26	631.43	0.39
Bell-2-Gober	42973	10-EV	7102.00	224.00	231.35	230.57	231.57	0.008273	3.74	1900.49	603.59	0.37
Bell-2-Gober	42973	5-EV	2468.00	224.00	229.40	229.51	229.51	0.006574	2.73	905.31	385.05	0.31
Bell-2-Gober	42973	2-EV	614.00	224.00	226.68	226.73	226.73	0.003480	1.86	330.77	150.67	0.22
Bell-2-Gober	42823	100-EV	20266.00	223.75	233.25	231.68	233.68	0.007177	5.23	3874.97	627.02	0.37
Bell-2-Gober	42823	50-EV	17828.00	223.75	232.76	231.15	233.15	0.007268	5.00	3568.74	624.66	0.37
Bell-2-Gober	42823	25-EV	14942.00	223.75	232.14	230.48	232.48	0.007395	4.69	3183.31	620.43	0.37
Bell-2-Gober	42823	10-EV	7102.00	223.75	230.13	230.33	230.33	0.008196	3.64	1950.39	601.60	0.36
Bell-2-Gober	42823	5-EV	2468.00	223.75	228.34	228.44	228.44	0.007704	2.54	970.61	477.58	0.31
Bell-2-Gober	42823	2-EV	614.00	223.75	225.68	225.81	225.81	0.013607	2.80	219.46	147.09	0.40
Bell-2-Gober	42673	100-EV	20266.00	222.00	232.26	230.67	232.67	0.006208	5.10	3975.11	642.88	0.36
Bell-2-Gober	42673	50-EV	17828.00	222.00	231.75	230.12	232.12	0.006348	4.89	3648.07	639.31	0.36
Bell-2-Gober	42673	25-EV	14942.00	222.00	231.10	231.43	231.43	0.006558	4.62	3234.81	632.43	0.36
Bell-2-Gober	42673	10-EV	7102.00	222.00	228.94	229.16	229.16	0.007508	3.70	1919.47	582.53	0.36
Bell-2-Gober	42673	5-EV	2468.00	222.00	226.96	227.09	227.09	0.010710	2.91	849.16	479.24	0.38
Bell-2-Gober	42673	2-EV	614.00	222.00	224.61	224.67	224.67	0.004686	1.98	310.68	176.08	0.26
Bell-2-Gober	42523	100-EV	20266.00	221.74	231.62	230.12	231.92	0.003743	4.41	4597.43	704.75	0.30
Bell-2-Gober	42523	50-EV	17828.00	221.74	231.10	231.37	231.37	0.003751	4.21	4230.96	697.33	0.30
Bell-2-Gober	42523	25-EV	14942.00	221.74	230.43	230.68	230.68	0.003772	3.96	3768.66	687.78	0.30
Bell-2-Gober	42523	10-EV	7102.00	221.74	228.21	228.36	228.36	0.003807	3.12	2276.72	653.44	0.29
Bell-2-Gober	42523	5-EV	2468.00	221.74	226.13	226.21	226.21	0.003568	2.38	1035.01	564.66	0.31
Bell-2-Gober	42523	2-EV	614.00	221.74	224.19	224.22	224.22	0.002021	1.47	416.51	196.21	0.18
Bell-2-Gober	42373	100-EV	20266.00	221.86	231.02	230.30	231.30	0.004519	4.29	4727.97	765.70	0.30
Bell-2-Gober	42373	50-EV	17828.00	221.86	230.48	230.75	230.75	0.004620	4.12	4322.06	755.57	0.30
Bell-2-Gober	42373	25-EV	14942.00	221.86	229.80	230.04	230.04	0.004835	3.92	3807.83	742.34	0.31
Bell-2-Gober	42373	10-EV	7102.00	221.86	227.44	227.61	227.61	0.006743	3.34	2123.95	676.32	0.33
Bell-2-Gober	42373	5-EV	2468.00	221.86	225.31	225.42	225.42	0.008500	2.71	910.51	473.90	0.34
Bell-2-Gober	42373	2-EV	614.00	221.86	223.49	223.60	223.60	0.012326	2.58	238.35	177.46	0.39
Bell-2-Gober	42223	100-EV	20266.00	220.00	230.41	230.71	230.71	0.003490	4.37	4640.39	781.62	0.32
Bell-2-Gober	42223	50-EV	17828.00	220.00	229.86	230.14	230.14	0.003580	4.23	4211.39	773.30	0.32
Bell-2-Gober	42223	25-EV	14942.00	220.00	229.14	229.40	229.40	0.003761	4.09	3657.18	757.96	0.33

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	42223	10-EV	7102.00	220.00	226.55		226.76	0.004839	3.64	1951.82	539.61	0.34
Bell-2-Gober	42223	5-EV	2468.00	220.00	224.44		224.54	0.004312	2.58	955.62	423.84	0.30
Bell-2-Gober	42223	2-EV	614.00	220.00	222.80		222.84	0.002626	1.63	377.62	198.70	0.21
Bell-2-Gober	42073	100-EV	20266.00	220.00	229.84		230.13	0.004278	4.29	4727.77	771.20	0.31
Bell-2-Gober	42073	50-EV	17828.00	220.00	229.27		229.54	0.004454	4.15	4291.24	757.57	0.31
Bell-2-Gober	42073	25-EV	14942.00	220.00	228.50		228.75	0.004867	4.02	3717.40	739.40	0.32
Bell-2-Gober	42073	10-EV	7102.00	220.00	225.74		225.95	0.005914	3.67	1932.82	512.56	0.33
Bell-2-Gober	42073	5-EV	2468.00	220.00	223.73		223.83	0.005157	2.51	983.22	419.03	0.29
Bell-2-Gober	42073	2-EV	614.00	220.00	222.35		222.38	0.003463	1.38	445.09	329.06	0.21
Bell-2-Gober	41923	100-EV	20266.00	219.24	229.25		229.53	0.003718	4.20	4829.26	752.96	0.29
Bell-2-Gober	41923	50-EV	17828.00	219.24	228.65		228.91	0.003896	4.07	4380.52	746.64	0.30
Bell-2-Gober	41923	25-EV	14942.00	219.24	227.82		228.06	0.004384	3.97	3760.85	727.29	0.31
Bell-2-Gober	41923	10-EV	7102.00	219.24	224.47		224.78	0.010623	4.47	1589.05	552.41	0.46
Bell-2-Gober	41923	5-EV	2468.00	219.24	221.85		222.20	0.034135	4.74	520.60	362.68	0.70
Bell-2-Gober	41923	2-EV	614.00	219.24	220.59	220.59	220.92	0.084671	4.58	134.13	212.03	1.01
Bell-2-Gober	41773	100-EV	20266.00	218.00	228.99		229.16	0.001500	3.27	6199.80	794.74	0.21
Bell-2-Gober	41773	50-EV	17828.00	218.00	228.39		228.54	0.001456	3.10	5748.21	732.28	0.20
Bell-2-Gober	41773	25-EV	14942.00	218.00	227.55		227.68	0.001439	2.91	5138.60	710.56	0.19
Bell-2-Gober	41773	10-EV	7102.00	218.00	224.04		224.14	0.001994	2.58	2757.10	629.52	0.22
Bell-2-Gober	41773	5-EV	2468.00	218.00	221.08		221.15	0.002631	2.05	1202.37	413.61	0.21
Bell-2-Gober	41773	2-EV	614.00	218.00	219.57	218.47	219.59	0.001615	1.04	592.65	395.33	0.15
Bell-2-Gober	41623	100-EV	20266.00	217.94	228.78		228.93	0.001467	3.13	6473.90	909.76	0.21
Bell-2-Gober	41623	50-EV	17828.00	217.94	228.18		228.32	0.001438	3.00	5935.79	896.06	0.21
Bell-2-Gober	41623	25-EV	14942.00	217.94	227.34		227.46	0.001442	2.86	5228.24	748.61	0.19
Bell-2-Gober	41623	10-EV	7102.00	217.94	223.71		223.82	0.002259	2.63	2702.91	629.10	0.22
Bell-2-Gober	41623	5-EV	2468.00	217.94	220.52		220.61	0.004997	2.46	1003.75	448.15	0.29
Bell-2-Gober	41623	2-EV	614.00	217.94	219.22		219.24	0.003521	1.32	465.88	396.33	0.21
Bell-2-Gober	41473	100-EV	20266.00	216.94	228.61		228.75	0.001007	3.03	6693.13	858.49	0.19
Bell-2-Gober	41473	50-EV	17828.00	216.94	228.02		228.15	0.000968	2.88	6191.30	843.74	0.19
Bell-2-Gober	41473	25-EV	14942.00	216.94	227.17		227.29	0.000946	2.72	5496.58	793.68	0.18
Bell-2-Gober	41473	10-EV	7102.00	216.94	223.48		223.57	0.001267	2.36	3013.81	615.27	0.19
Bell-2-Gober	41473	5-EV	2468.00	216.94	219.74		219.85	0.005212	2.66	927.08	463.34	0.33
Bell-2-Gober	41473	2-EV	614.00	216.94	218.21		218.28	0.015228	2.19	280.93	403.50	0.46
Bell-2-Gober	41323	100-EV	20266.00	216.00	228.42		228.56	0.001628	3.02	6705.17	790.44	0.18
Bell-2-Gober	41323	50-EV	17828.00	216.00	227.84		227.97	0.001510	2.85	6254.04	766.90	0.18
Bell-2-Gober	41323	25-EV	14942.00	216.00	227.01		227.12	0.001337	2.65	5635.89	717.50	0.17
Bell-2-Gober	41323	10-EV	7102.00	216.00	223.32		223.38	0.001076	2.07	3435.10	556.12	0.15
Bell-2-Gober	41323	5-EV	2468.00	216.00	219.36		219.41	0.001747	1.70	1450.99	463.97	0.17
Bell-2-Gober	41323	2-EV	614.00	216.00	217.20		217.23	0.003969	1.29	474.47	428.30	0.22
Bell-2-Gober	41173	100-EV	20266.00	214.15	228.18		228.32	0.001509	3.01	6725.98	733.14	0.18
Bell-2-Gober	41173	50-EV	17828.00	214.15	227.63		227.75	0.001327	2.82	6328.33	701.34	0.17
Bell-2-Gober	41173	25-EV	14942.00	214.15	226.83		226.93	0.001099	2.58	5788.29	649.46	0.15
Bell-2-Gober	41173	10-EV	7102.00	214.15	223.19		223.24	0.000774	1.89	3749.02	512.11	0.12
Bell-2-Gober	41173	5-EV	2468.00	214.15	219.16		219.20	0.001121	1.42	1743.10	486.75	0.13
Bell-2-Gober	41173	2-EV	614.00	214.15	216.32		216.36	0.009419	1.59	386.03	449.60	0.30
Bell-2-Gober	41024	100-EV	20266.00	214.00	228.10		228.18	0.000516	2.30	8800.56	739.36	0.12
Bell-2-Gober	41024	50-EV	17828.00	214.00	227.56		227.63	0.000454	2.12	8404.60	721.75	0.11
Bell-2-Gober	41024	25-EV	14942.00	214.00	226.77		226.83	0.000386	1.90	7845.55	699.61	0.10
Bell-2-Gober	41024	10-EV	7102.00	214.00	223.14		223.17	0.000283	1.32	5388.18	664.38	0.08
Bell-2-Gober	41024	5-EV	2468.00	214.00	219.10		219.11	0.000305	0.90	2751.09	639.63	0.08
Bell-2-Gober	41024	2-EV	614.00	214.00	215.68		215.69	0.002553	1.01	606.11	569.55	0.17
Bell-2-Gober	40873	100-EV	20266.00	212.35	228.06		228.11	0.000327	1.92	10567.61	798.86	0.09
Bell-2-Gober	40873	50-EV	17828.00	212.35	227.52		227.57	0.000287	1.76	10141.27	788.60	0.09
Bell-2-Gober	40873	25-EV	14942.00	212.35	226.74		226.78	0.000242	1.57	9530.75	775.58	0.08
Bell-2-Gober	40873	10-EV	7102.00	212.35	223.12		223.14	0.000160	1.05	6788.23	743.78	0.06
Bell-2-Gober	40873	5-EV	2468.00	212.35	219.08		219.08	0.000126	0.65	3820.54	723.91	0.05
Bell-2-Gober	40873	2-EV	614.00	212.35	215.60		215.60	0.000243	0.46	1344.40	700.44	0.06
Bell-2-Gober	40723	100-EV	20266.00	211.62	228.03	215.69	228.07	0.000206	1.73	11703.00	888.72	0.08
Bell-2-Gober	40723	50-EV	17828.00	211.62	227.49	215.45	227.53	0.000181	1.59	11233.09	872.03	0.08
Bell-2-Gober	40723	25-EV	14942.00	211.62	226.72	215.15	226.75	0.000153	1.41	10565.33	846.30	0.07
Bell-2-Gober	40723	10-EV	7102.00	211.62	223.10	214.18	223.12	0.000093	0.93	7675.15	771.77	0.05
Bell-2-Gober	40723	5-EV	2468.00	211.62	219.06	213.15	219.07	0.000058	0.54	4605.63	749.38	0.04
Bell-2-Gober	40723	2-EV	614.00	211.62	215.59	212.41	215.59	0.000048	0.30	2031.89	726.96	0.03
Bell-2-Gober	40573	100-EV	20266.00	211.53	227.99	215.47	228.04	0.000246	1.78	11381.73	847.12	0.09
Bell-2-Gober	40573	50-EV	17828.00	211.53	227.46	215.22	227.50	0.000213	1.63	10938.18	830.92	0.08
Bell-2-Gober	40573	25-EV	14942.00	211.53	226.69	214.89	226.72	0.000177	1.45	10305.99	807.34	0.07
Bell-2-Gober	40573	10-EV	7102.00	211.53	223.09	213.85	223.10	0.000101	0.94	7535.05	743.21	0.05
Bell-2-Gober	40573	5-EV	2468.00	211.53	219.06	212.92	219.06	0.000059	0.54	4595.66	716.25	0.04
Bell-2-Gober	40573	2-EV	614.00	211.53	215.58	212.28	215.58	0.000044	0.29	2145.13	692.34	0.03

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	40423	100-EV	20266.00	211.96	227.93		227.99	0.000395	2.03	9980.31	826.54	0.10
Bell-2-Gober	40423	50-EV	17828.00	211.96	227.41		227.46	0.000346	1.87	9553.87	811.77	0.10
Bell-2-Gober	40423	25-EV	14942.00	211.96	226.64		226.69	0.000292	1.67	8944.26	786.24	0.09
Bell-2-Gober	40423	10-EV	7102.00	211.96	223.06		223.08	0.000157	1.11	6423.77	659.40	0.06
Bell-2-Gober	40423	5-EV	2468.00	211.96	219.04		219.05	0.000094	0.64	3860.10	618.95	0.05
Bell-2-Gober	40423	2-EV	614.00	211.96	215.57		215.58	0.000062	0.34	1812.29	561.95	0.03
Bell-2-Gober	40273	100-EV	20266.00	212.00	227.07		227.75	0.016037	6.64	3050.77	838.86	0.61
Bell-2-Gober	40273	50-EV	17828.00	212.00	226.48		227.23	0.020854	6.94	2568.59	805.60	0.69
Bell-2-Gober	40273	25-EV	14942.00	212.00	225.50		226.45	0.024500	7.85	1903.98	546.71	0.74
Bell-2-Gober	40273	10-EV	7102.00	212.00	221.99		222.92	0.007443	7.74	917.83	127.51	0.51
Bell-2-Gober	40273	5-EV	2468.00	212.00	218.65		218.97	0.003839	4.59	537.63	101.98	0.35
Bell-2-Gober	40273	2-EV	614.00	212.00	215.43		215.54	0.002728	2.57	238.57	84.22	0.27
Bell-2-Gober	40123	100-EV	20266.00	212.00	225.66		226.44	0.005410	7.07	2867.06	469.45	0.50
Bell-2-Gober	40123	50-EV	17828.00	212.00	225.12		225.84	0.005138	6.80	2623.41	430.40	0.49
Bell-2-Gober	40123	25-EV	14942.00	212.00	224.25		224.92	0.005091	6.58	2271.95	374.61	0.47
Bell-2-Gober	40123	10-EV	7102.00	212.00	221.56		221.97	0.003950	5.10	1392.22	282.71	0.41
Bell-2-Gober	40123	5-EV	2468.00	212.00	218.10		218.35	0.004164	4.06	607.33	173.14	0.38
Bell-2-Gober	40123	2-EV	614.00	212.00	215.08		215.16	0.002276	2.27	270.92	101.21	0.24
Bell-2-Gober	39973	100-EV	20266.00	212.00	224.98		225.61	0.005148	6.33	3199.95	597.02	0.48
Bell-2-Gober	39973	50-EV	17828.00	212.00	224.45		225.04	0.005034	6.16	2892.54	559.96	0.48
Bell-2-Gober	39973	25-EV	14942.00	212.00	223.55		224.13	0.005210	6.11	2444.04	434.33	0.45
Bell-2-Gober	39973	10-EV	7102.00	212.00	220.97		221.32	0.004524	4.71	1507.03	322.28	0.38
Bell-2-Gober	39973	5-EV	2468.00	212.00	217.43		217.71	0.004463	4.23	584.02	173.80	0.41
Bell-2-Gober	39973	2-EV	614.00	212.00	214.59		214.70	0.004266	2.71	226.92	104.49	0.32
Gober-2-Chiq	39524	100-EV	20337.00	210.00	223.03		223.38	0.004444	4.74	4292.98	762.26	0.35
Gober-2-Chiq	39524	50-EV	17989.00	210.00	222.45		222.78	0.004684	4.66	3859.34	730.54	0.36
Gober-2-Chiq	39524	25-EV	14945.00	210.00	221.52		221.86	0.004582	4.62	3234.82	602.02	0.35
Gober-2-Chiq	39524	10-EV	7055.00	210.00	218.81		219.05	0.005509	3.94	1792.00	477.74	0.36
Gober-2-Chiq	39524	5-EV	2479.00	210.00	215.28		215.49	0.005390	3.64	681.39	213.99	0.36
Gober-2-Chiq	39524	2-EV	619.00	210.00	212.55		212.66	0.004824	2.61	236.87	120.39	0.33
Gober-2-Chiq	39298	100-EV	21758.00	208.00	221.29		221.98	0.008424	6.67	3261.79	549.62	0.48
Gober-2-Chiq	39298	50-EV	19144.00	208.00	220.65		221.32	0.008843	6.56	2919.46	525.15	0.49
Gober-2-Chiq	39298	25-EV	15990.00	208.00	219.85		220.47	0.008038	6.32	2531.39	441.28	0.46
Gober-2-Chiq	39298	10-EV	7407.00	208.00	217.48		217.81	0.005410	4.62	1602.28	319.35	0.36
Gober-2-Chiq	39298	5-EV	2670.00	208.00	214.36		214.55	0.003308	3.49	764.66	191.92	0.31
Gober-2-Chiq	39298	2-EV	732.00	208.00	211.95		212.02	0.001929	2.00	365.33	145.46	0.22
Gober-2-Chiq	39147	100-EV	21758.00	208.00	219.78		220.55	0.010670	7.03	3096.13	517.33	0.51
Gober-2-Chiq	39147	50-EV	19144.00	208.00	218.99		219.77	0.011862	7.08	2702.57	485.69	0.53
Gober-2-Chiq	39147	25-EV	15990.00	208.00	218.34		219.04	0.011365	6.68	2394.48	457.88	0.51
Gober-2-Chiq	39147	10-EV	7407.00	208.00	216.29		216.68	0.010965	5.02	1476.56	432.31	0.48
Gober-2-Chiq	39147	5-EV	2670.00	208.00	213.51		213.79	0.008266	4.28	623.83	222.96	0.45
Gober-2-Chiq	39147	2-EV	732.00	208.00	211.39		211.52	0.006546	2.96	247.52	137.55	0.39
Gober-2-Chiq	38998	100-EV	21758.00	208.00	218.47		218.95	0.009611	5.54	3926.91	867.50	0.46
Gober-2-Chiq	38998	50-EV	19144.00	208.00	217.78		218.27	0.007752	5.63	3399.60	614.81	0.42
Gober-2-Chiq	38998	25-EV	15990.00	208.00	217.07		217.52	0.008256	5.38	2971.36	603.68	0.43
Gober-2-Chiq	38998	10-EV	7407.00	208.00	214.88		215.18	0.008892	4.35	1703.35	526.59	0.43
Gober-2-Chiq	38998	5-EV	2670.00	208.00	212.05		212.34	0.011600	4.28	624.54	262.26	0.49
Gober-2-Chiq	38998	2-EV	732.00	208.00	210.10		210.26	0.011391	3.18	230.01	154.46	0.46
Gober-2-Chiq	38848	100-EV	21758.00	206.00	217.59		217.89	0.004942	4.43	4915.94	922.52	0.34
Gober-2-Chiq	38848	50-EV	19144.00	206.00	216.97		217.27	0.005237	4.39	4359.84	864.37	0.34
Gober-2-Chiq	38848	25-EV	15990.00	206.00	216.24		216.52	0.005024	4.24	3771.57	762.61	0.34
Gober-2-Chiq	38848	10-EV	7407.00	206.00	213.93		214.12	0.005410	3.48	2128.86	624.11	0.33
Gober-2-Chiq	38848	5-EV	2670.00	206.00	210.78		210.98	0.007032	3.56	750.13	294.51	0.39
Gober-2-Chiq	38848	2-EV	732.00	206.00	208.22		208.40	0.013468	3.43	213.15	162.68	0.53
Gober-2-Chiq	38665	100-EV	21758.00	204.00	216.52		216.92	0.005701	5.03	4326.57	765.65	0.37
Gober-2-Chiq	38665	50-EV	19144.00	204.00	215.90		216.28	0.005499	4.95	3867.53	689.19	0.37
Gober-2-Chiq	38665	25-EV	15990.00	204.00	215.16		215.51	0.005982	4.75	3364.74	681.68	0.38
Gober-2-Chiq	38665	10-EV	7407.00	204.00	212.65		212.93	0.007857	4.22	1754.01	553.94	0.42
Gober-2-Chiq	38665	5-EV	2670.00	204.00	209.83		210.01	0.004112	3.36	794.89	245.57	0.33
Gober-2-Chiq	38665	2-EV	732.00	204.00	207.50		207.57	0.002120	2.22	330.40	121.46	0.24
Gober-2-Chiq	38398	100-EV	21758.00	204.00	215.50		215.85	0.002882	4.77	4562.54	756.82	0.34
Gober-2-Chiq	38398	50-EV	19144.00	204.00	214.87		215.21	0.002966	4.67	4098.96	727.79	0.35
Gober-2-Chiq	38398	25-EV	15990.00	204.00	214.07		214.39	0.003069	4.53	3529.53	694.61	0.35
Gober-2-Chiq	38398	10-EV	7407.00	204.00	211.35		211.61	0.003356	4.07	1821.29	427.32	0.35
Gober-2-Chiq	38398	5-EV	2670.00	204.00	208.58		208.76	0.005302	3.40	785.88	319.50	0.38
Gober-2-Chiq	38398	2-EV	732.00	204.00	206.53		206.63	0.006951	2.58	283.97	202.93	0.38
Gober-2-Chiq	38173	100-EV	21758.00	202.00	214.62		215.09	0.003924	5.49	3961.47	668.10	0.40
Gober-2-Chiq	38173	50-EV	19144.00	202.00	213.96		214.42	0.004103	5.43	3528.41	608.86	0.40
Gober-2-Chiq	38173	25-EV	15990.00	202.00	213.13		213.56	0.004378	5.28	3030.57	593.22	0.41
Gober-2-Chiq	38173	10-EV	7407.00	202.00	210.21		210.63	0.005665	5.18	1428.63	394.09	0.48

HEC-RAS Plan: NoPA45 (Continued)

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
Gober-2-Chiq	38173	5-EV	2670.00	202.00	207.22		207.49	0.005880	4.23	630.49	188.33	0.41
Gober-2-Chiq	38173	2-EV	732.00	202.00	205.01		205.13	0.006389	2.84	258.07	149.96	0.38
Gober-2-Chiq	38023	100-EV	21758.00	202.00	213.95		214.48	0.004077	5.86	3710.12	573.44	0.41
Gober-2-Chiq	38023	50-EV	19144.00	202.00	213.28		213.79	0.004216	5.75	3330.90	559.71	0.42
Gober-2-Chiq	38023	25-EV	15990.00	202.00	212.41		212.90	0.004418	5.61	2850.07	544.95	0.43
Gober-2-Chiq	38023	10-EV	7407.00	202.00	209.44		209.87	0.004573	5.26	1408.10	301.26	0.43
Gober-2-Chiq	38023	5-EV	2670.00	202.00	206.54		206.76	0.004026	3.75	712.58	190.74	0.34
Gober-2-Chiq	38023	2-EV	732.00	202.00	204.06		204.17	0.006433	2.66	275.64	165.98	0.36
Gober-2-Chiq	37873	100-EV	21758.00	200.00	213.27		213.85	0.004290	6.12	3554.78	482.76	0.40
Gober-2-Chiq	37873	50-EV	19144.00	200.00	212.61		213.15	0.004273	5.91	3241.91	469.07	0.40
Gober-2-Chiq	37873	25-EV	15990.00	200.00	211.76		212.25	0.004246	5.62	2846.22	459.81	0.40
Gober-2-Chiq	37873	10-EV	7407.00	200.00	208.87		209.21	0.003839	4.71	1574.24	409.28	0.42
Gober-2-Chiq	37873	5-EV	2670.00	200.00	206.10		206.26	0.002564	3.24	825.12	200.86	0.28
Gober-2-Chiq	37873	2-EV	732.00	200.00	203.62		203.67	0.001909	1.87	391.73	154.78	0.21
Gober-2-Chiq	37722	100-EV	21758.00	200.00	212.62		213.19	0.004377	6.08	3579.68	517.15	0.41
Gober-2-Chiq	37722	50-EV	19144.00	200.00	211.96		212.50	0.004311	5.89	3251.87	482.69	0.40
Gober-2-Chiq	37722	25-EV	15990.00	200.00	211.12		211.61	0.004226	5.60	2853.70	462.03	0.40
Gober-2-Chiq	37722	10-EV	7407.00	200.00	208.28		208.61	0.004102	4.66	1588.08	428.23	0.43
Gober-2-Chiq	37722	5-EV	2670.00	200.00	205.63		205.83	0.003250	3.52	757.98	210.15	0.33
Gober-2-Chiq	37722	2-EV	732.00	200.00	203.25		203.33	0.002741	2.22	329.26	149.18	0.26
Gober-2-Chiq	37498	100-EV	21758.00	200.00	211.84		212.27	0.003505	5.26	4136.58	509.58	0.33
Gober-2-Chiq	37498	50-EV	19144.00	200.00	211.19		211.58	0.003529	5.03	3806.17	505.60	0.32
Gober-2-Chiq	37498	25-EV	15990.00	200.00	210.34		210.69	0.003581	4.73	3380.29	499.71	0.32
Gober-2-Chiq	37498	10-EV	7407.00	200.00	207.35		207.58	0.004866	3.88	1908.05	483.07	0.34
Gober-2-Chiq	37498	5-EV	2670.00	200.00	204.81		204.96	0.004517	3.11	857.40	318.08	0.33
Gober-2-Chiq	37498	2-EV	732.00	200.00	202.47		202.57	0.004272	2.42	302.93	165.84	0.32
Gober-2-Chiq	37185	100-EV	21758.00	198.00	210.55		210.96	0.005119	5.11	4260.26	457.30	0.29
Gober-2-Chiq	37185	50-EV	19144.00	198.00	209.92		210.28	0.004956	4.82	3973.12	452.75	0.29
Gober-2-Chiq	37185	25-EV	15990.00	198.00	209.10		209.40	0.004725	4.44	3604.78	443.68	0.27
Gober-2-Chiq	37185	10-EV	7407.00	198.00	205.81		205.99	0.005278	3.40	2178.76	426.82	0.27
Gober-2-Chiq	37185	5-EV	2670.00	198.00	203.14		203.24	0.006867	2.51	1061.68	389.98	0.27
Gober-2-Chiq	37185	2-EV	732.00	198.00	201.15		201.19	0.004533	1.67	438.20	202.72	0.20
Gober-2-Chiq	37081	100-EV	21758.00	197.94	209.91		210.41	0.005273	5.64	3860.45	425.54	0.33
Gober-2-Chiq	37081	50-EV	19144.00	197.94	209.31		209.75	0.005078	5.31	3605.60	423.70	0.32
Gober-2-Chiq	37081	25-EV	15990.00	197.94	208.53		208.90	0.004825	4.88	3274.67	421.32	0.31
Gober-2-Chiq	37081	10-EV	7407.00	197.94	205.17		205.41	0.005723	3.92	1888.42	386.69	0.31
Gober-2-Chiq	37081	5-EV	2670.00	197.94	202.30		202.44	0.008304	3.03	881.40	336.73	0.33
Gober-2-Chiq	37081	2-EV	732.00	197.94	200.36		200.44	0.012910	2.26	324.50	227.95	0.33
Gober-2-Chiq	36981	100-EV	21758.00	196.00	209.22		209.82	0.006306	6.19	3517.42	448.20	0.39
Gober-2-Chiq	36981	50-EV	19144.00	196.00	208.65		209.18	0.006110	5.87	3259.23	446.28	0.38
Gober-2-Chiq	36981	25-EV	15990.00	196.00	207.90		208.36	0.005810	5.47	2925.05	442.39	0.37
Gober-2-Chiq	36981	10-EV	7407.00	196.00	204.50		204.80	0.006214	4.44	1669.77	293.28	0.33
Gober-2-Chiq	36981	5-EV	2670.00	196.00	201.43		201.61	0.008273	3.38	789.51	265.96	0.35
Gober-2-Chiq	36981	2-EV	732.00	196.00	199.42		199.51	0.007113	2.31	317.09	179.29	0.31
Gober-2-Chiq	36880	100-EV	21758.00	196.00	208.50		209.15	0.007081	6.45	3375.13	473.62	0.43
Gober-2-Chiq	36880	50-EV	19144.00	196.00	207.92		208.52	0.007198	6.17	3102.40	472.20	0.42
Gober-2-Chiq	36880	25-EV	15990.00	196.00	207.17		207.70	0.007445	5.82	2748.46	470.37	0.42
Gober-2-Chiq	36880	10-EV	7407.00	196.00	203.73		204.16	0.006410	5.28	1401.69	240.19	0.39
Gober-2-Chiq	36880	5-EV	2670.00	196.00	200.71		200.91	0.005903	3.66	728.99	212.45	0.35
Gober-2-Chiq	36880	2-EV	732.00	196.00	198.82		198.90	0.005200	2.17	337.97	201.37	0.29
Gober-2-Chiq	36780	100-EV	21758.00	196.00	207.81		208.45	0.006774	6.40	3399.02	500.36	0.43
Gober-2-Chiq	36780	50-EV	19144.00	196.00	207.20		207.80	0.007110	6.19	3094.63	498.88	0.44
Gober-2-Chiq	36780	25-EV	15990.00	196.00	206.37		206.93	0.007919	5.96	2681.76	496.89	0.45
Gober-2-Chiq	36780	10-EV	7407.00	196.00	202.98		203.47	0.007243	5.65	1311.25	275.14	0.46
Gober-2-Chiq	36780	5-EV	2670.00	196.00	200.11		200.36	0.005181	3.96	674.49	201.56	0.38
Gober-2-Chiq	36780	2-EV	732.00	196.00	198.34		198.42	0.004333	2.27	322.77	195.39	0.31
Gober-2-Chiq	36680	100-EV	21758.00	195.82	207.14		207.86	0.005042	6.79	3203.13	476.27	0.46
Gober-2-Chiq	36680	50-EV	19144.00	195.82	206.52		207.19	0.005045	6.58	2907.92	474.40	0.47
Gober-2-Chiq	36680	25-EV	15990.00	195.82	205.64		206.28	0.005202	6.42	2492.04	471.77	0.49
Gober-2-Chiq	36680	10-EV	7407.00	195.82	202.19		202.77	0.006566	6.10	1214.36	266.31	0.50
Gober-2-Chiq	36680	5-EV	2670.00	195.82	199.53		199.79	0.005985	4.11	649.90	204.57	0.41
Gober-2-Chiq	36680	2-EV	732.00	195.82	197.87		197.96	0.004882	2.33	314.30	199.99	0.33
Gober-2-Chiq	36579	100-EV	21758.00	195.56	206.54		207.21	0.007985	6.58	3306.34	518.15	0.46
Gober-2-Chiq	36579	50-EV	19144.00	195.56	205.91		206.55	0.008000	6.41	2985.97	488.32	0.46
Gober-2-Chiq	36579	25-EV	15990.00	195.56	204.97		205.59	0.009369	6.32	2530.35	477.18	0.48
Gober-2-Chiq	36579	10-EV	7407.00	195.56	201.50		202.01	0.008220	5.72	1294.71	275.71	0.47
Gober-2-Chiq	36579	5-EV	2670.00	195.56	198.88		199.14	0.007017	4.12	648.03	223.28	0.43
Gober-2-Chiq	36579	2-EV	732.00	195.56	197.25		197.35	0.007466	2.54	288.45	218.07	0.39
Gober-2-Chiq	36478	100-EV	21758.00	194.00	205.71		206.31	0.009631	6.23	3493.16	647.45	0.47

HEC-RAS Plan: NoPA45 (Continued)

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
Gober-2-Chiq	36478	50-EV	19144.00	194.00	204.94		205.57	0.011893	6.38	3002.29	636.37	0.52
Gober-2-Chiq	36478	25-EV	15990.00	194.00	203.96		204.66	0.008947	6.68	2392.22	412.97	0.49
Gober-2-Chiq	36478	10-EV	7407.00	194.00	200.73		201.22	0.007399	5.66	1309.48	261.56	0.45
Gober-2-Chiq	36478	5-EV	2670.00	194.00	198.18		198.43	0.007117	3.99	669.88	234.07	0.42
Gober-2-Chiq	36478	2-EV	732.00	194.00	196.58		196.67	0.006123	2.39	306.36	209.26	0.35
Gober-2-Chiq	36375	100-EV	21758.00	194.00	204.26		205.05	0.015633	7.12	3054.07	675.49	0.59
Gober-2-Chiq	36375	50-EV	19144.00	194.00	203.54		204.35	0.011666	7.18	2666.72	473.07	0.53
Gober-2-Chiq	36375	25-EV	15990.00	194.00	202.86		203.58	0.012215	6.82	2346.21	466.34	0.54
Gober-2-Chiq	36375	10-EV	7407.00	194.00	199.87		200.39	0.008752	5.80	1276.70	261.78	0.46
Gober-2-Chiq	36375	5-EV	2670.00	194.00	197.35		197.62	0.008620	4.14	645.20	230.37	0.44
Gober-2-Chiq	36375	2-EV	732.00	194.00	195.44		195.62	0.019899	3.33	220.11	210.94	0.57
Gober-2-Chiq	36277	100-EV	21758.00	192.00	203.30		204.09	0.006599	7.15	3044.59	625.52	0.57
Gober-2-Chiq	36277	50-EV	19144.00	192.00	202.71		203.49	0.006624	7.08	2703.99	569.20	0.57
Gober-2-Chiq	36277	25-EV	15990.00	192.00	201.99		202.74	0.006359	6.96	2298.40	390.69	0.51
Gober-2-Chiq	36277	10-EV	7407.00	192.00	199.29		199.73	0.005058	5.32	1392.49	280.89	0.42
Gober-2-Chiq	36277	5-EV	2670.00	192.00	196.91		197.09	0.003393	3.36	795.55	230.84	0.32
Gober-2-Chiq	36277	2-EV	732.00	192.00	195.06		195.11	0.002084	1.83	399.36	200.83	0.23
Gober-2-Chiq	36174	100-EV	21758.00	191.99	202.75		203.37	0.006328	6.34	3433.60	836.76	0.55
Gober-2-Chiq	36174	50-EV	19144.00	191.99	202.13		202.78	0.006472	6.49	2951.67	641.13	0.53
Gober-2-Chiq	36174	25-EV	15990.00	191.99	201.42		202.04	0.006412	6.32	2530.95	575.86	0.53
Gober-2-Chiq	36174	10-EV	7407.00	191.99	198.75		199.15	0.005878	5.07	1461.61	335.37	0.43
Gober-2-Chiq	36174	5-EV	2670.00	191.99	196.49		196.68	0.004804	3.42	780.71	264.66	0.35
Gober-2-Chiq	36174	2-EV	732.00	191.99	194.70		194.78	0.005436	2.23	327.79	248.33	0.34
Gober-2-Chiq	36073	100-EV	21758.00	192.00	202.20		202.67	0.006822	5.50	3957.57	937.40	0.47
Gober-2-Chiq	36073	50-EV	19144.00	192.00	201.57		202.05	0.006970	5.57	3440.00	752.11	0.46
Gober-2-Chiq	36073	25-EV	15990.00	192.00	200.84		201.31	0.007262	5.49	2914.68	690.12	0.47
Gober-2-Chiq	36073	10-EV	7407.00	192.00	198.20		198.51	0.006396	4.48	1652.36	379.95	0.38
Gober-2-Chiq	36073	5-EV	2670.00	192.00	196.05		196.19	0.004630	2.98	895.94	346.32	0.33
Gober-2-Chiq	36073	2-EV	732.00	192.00	194.27		194.32	0.003770	1.96	374.29	288.65	0.30
Gober-2-Chiq	35973	100-EV	21758.00	191.10	201.46		201.99	0.006644	5.80	3749.05	720.32	0.45
Gober-2-Chiq	35973	50-EV	19144.00	191.10	200.83		201.35	0.006932	5.78	3310.97	651.53	0.45
Gober-2-Chiq	35973	25-EV	15990.00	191.10	200.10		200.59	0.007098	5.61	2850.46	606.57	0.46
Gober-2-Chiq	35973	10-EV	7407.00	191.10	197.54		197.87	0.006474	4.56	1623.11	377.35	0.39
Gober-2-Chiq	35973	5-EV	2670.00	191.10	195.53		195.68	0.005595	3.07	870.44	371.55	0.35
Gober-2-Chiq	35973	2-EV	732.00	191.10	193.73		193.84	0.006242	2.68	273.44	186.19	0.39
Gober-2-Chiq	35865	100-EV	21758.00	190.00	200.58	197.22	201.22	0.007245	6.41	3391.87	590.52	0.42
Gober-2-Chiq	35865	50-EV	19144.00	190.00	199.98	196.84	200.57	0.007434	6.16	3109.32	481.41	0.42
Gober-2-Chiq	35865	25-EV	15990.00	190.00	199.29	196.34	199.80	0.007363	5.73	2791.33	461.03	0.41
Gober-2-Chiq	35865	10-EV	7407.00	190.00	196.78	194.80	197.08	0.007919	4.45	1665.56	422.49	0.39
Gober-2-Chiq	35865	5-EV	2670.00	190.00	194.83	193.22	194.97	0.007528	3.02	885.00	386.29	0.35
Gober-2-Chiq	35865	2-EV	732.00	190.00	193.15	191.52	193.21	0.005127	2.06	354.64	223.77	0.29
Gober-2-Chiq	35758	100-EV	21758.00	189.44	199.40	196.54	200.23	0.012032	7.28	2990.00	581.56	0.53
Gober-2-Chiq	35758	50-EV	19144.00	189.44	198.71	196.14	199.52	0.012752	7.24	2643.79	517.13	0.54
Gober-2-Chiq	35758	25-EV	15990.00	189.44	198.03	195.64	198.77	0.012706	6.86	2330.26	470.19	0.53
Gober-2-Chiq	35758	10-EV	7407.00	189.44	195.74	194.08	196.14	0.009857	5.04	1469.47	371.12	0.45
Gober-2-Chiq	35758	5-EV	2670.00	189.44	193.91	192.74	194.09	0.009321	3.36	794.82	357.08	0.40
Gober-2-Chiq	35758	2-EV	732.00	189.44	192.09	190.92	192.24	0.020296	3.11	235.38	213.63	0.52
Gober-2-Chiq	35661	100-EV	21758.00	188.00	198.37	195.43	199.13	0.010185	7.01	3105.86	563.27	0.50
Gober-2-Chiq	35661	50-EV	19144.00	188.00	197.73	195.07	198.46	0.009092	6.85	2795.31	467.75	0.48
Gober-2-Chiq	35661	25-EV	15990.00	188.00	197.09	194.60	197.72	0.008725	6.35	2516.93	438.57	0.46
Gober-2-Chiq	35661	10-EV	7407.00	188.00	194.96	193.13	195.29	0.007451	4.55	1628.40	409.45	0.40
Gober-2-Chiq	35661	5-EV	2670.00	188.00	193.17	191.39	193.31	0.006764	2.96	901.18	401.53	0.35
Gober-2-Chiq	35661	2-EV	732.00	188.00	191.21	189.81	191.30	0.005447	2.40	304.43	161.56	0.31
Gober-2-Chiq	35556	100-EV	21758.00	188.00	197.54	194.49	198.18	0.007639	6.43	3385.41	594.10	0.46
Gober-2-Chiq	35556	50-EV	19144.00	188.00	196.95	194.16	197.56	0.007569	6.23	3072.84	559.51	0.45
Gober-2-Chiq	35556	25-EV	15990.00	188.00	196.36	193.73	196.88	0.006860	5.76	2774.61	525.65	0.43
Gober-2-Chiq	35556	10-EV	7407.00	188.00	194.35	192.37	194.61	0.005379	4.05	1830.60	463.18	0.36
Gober-2-Chiq	35556	5-EV	2670.00	188.00	192.61	190.57	192.72	0.004621	2.59	1030.98	455.96	0.30
Gober-2-Chiq	35556	2-EV	732.00	188.00	190.91	189.04	190.96	0.002044	1.62	453.13	240.56	0.21
Gober-2-Chiq	35449	100-EV	21758.00	188.00	196.23	194.38	197.09	0.013555	7.42	2934.27	639.36	0.59
Gober-2-Chiq	35449	50-EV	19144.00	188.00	195.73	194.05	196.54	0.011723	7.22	2652.79	544.41	0.56
Gober-2-Chiq	35449	25-EV	15990.00	188.00	195.25	193.59	195.93	0.011253	6.65	2406.22	538.32	0.54
Gober-2-Chiq	35449	10-EV	7407.00	188.00	193.46	192.12	193.83	0.009721	4.93	1502.61	468.04	0.49
Gober-2-Chiq	35449	5-EV	2670.00	188.00	191.87	190.84	192.05	0.008627	3.36	794.85	416.20	0.43
Gober-2-Chiq	35449	2-EV	732.00	188.00	190.43	189.40	190.53	0.010547	2.52	290.35	278.43	0.44
Gober-2-Chiq	35351	100-EV	21758.00	188.00	194.35	193.49	195.43	0.021113	8.37	2599.64	670.86	0.73
Gober-2-Chiq	35351	50-EV	19144.00	188.00	193.99	193.15	195.00	0.021585	8.07	2371.16	625.23	0.73
Gober-2-Chiq	35351	25-EV	15990.00	188.00	193.52	192.73	194.43	0.021509	7.68	2080.72	598.70	0.73
Gober-2-Chiq	35351	10-EV	7407.00	188.00	191.98	191.25	192.53	0.018807	5.97	1241.34	489.48	0.66
Gober-2-Chiq	35351	5-EV	2670.00	188.00	190.58	189.81	190.87	0.017952	4.27	625.52	396.01	0.60

HEC-RAS Plan: NoPA45 (Continued)

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
Gober-2-Chiq	35351	2-EV	732.00	188.00	189.31	188.78	189.43	0.011943	2.81	260.55	217.49	0.45
Chiq-2-Oso	35120	100-EV	2192.00	185.94	193.38	191.40	193.96	0.007658	6.12	3596.32	711.64	0.48
Chiq-2-Oso	35120	50-EV	19340.00	185.94	192.98	191.14	193.51	0.007723	5.83	3316.85	709.92	0.48
Chiq-2-Oso	35120	25-EV	16148.00	185.94	192.49	190.81	192.95	0.007784	5.45	2964.99	707.85	0.47
Chiq-2-Oso	35120	10-EV	7435.00	185.94	190.90	189.57	191.15	0.007890	4.03	1845.67	701.78	0.44
Chiq-2-Oso	35120	5-EV	2778.00	185.94	189.60	188.60	189.72	0.006295	2.78	1000.62	555.81	0.36
Chiq-2-Oso	35120	2-EV	737.00	185.94	188.42	187.20	188.47	0.006338	1.84	400.54	427.85	0.34
Chiq-2-Oso	35014	100-EV	2192.00	186.00	192.70	190.54	193.21	0.006206	5.73	3837.60	751.05	0.45
Chiq-2-Oso	35014	50-EV	19340.00	186.00	192.29	190.28	192.75	0.006298	5.48	3531.97	748.31	0.44
Chiq-2-Oso	35014	25-EV	16148.00	186.00	191.78	189.97	192.18	0.006396	5.13	3148.92	745.13	0.44
Chiq-2-Oso	35014	10-EV	7435.00	186.00	190.16	188.94	190.39	0.006494	3.81	1953.73	735.68	0.41
Chiq-2-Oso	35014	5-EV	2778.00	186.00	188.99	188.10	189.08	0.005663	2.52	1101.04	711.18	0.36
Chiq-2-Oso	35014	2-EV	737.00	186.00	187.38	186.92	187.50	0.013808	2.85	258.20	265.70	0.51
Chiq-2-Oso	34912	100-EV	2192.00	184.00	192.06	189.92	192.56	0.006388	5.71	3848.63	765.46	0.45
Chiq-2-Oso	34912	50-EV	19340.00	184.00	191.63	189.68	192.10	0.006589	5.49	3525.88	755.64	0.45
Chiq-2-Oso	34912	25-EV	16148.00	184.00	191.09	189.36	191.51	0.006878	5.18	3118.89	753.64	0.45
Chiq-2-Oso	34912	10-EV	7435.00	184.00	189.37	188.36	189.63	0.008471	4.06	1830.62	747.22	0.46
Chiq-2-Oso	34912	5-EV	2778.00	184.00	188.13	186.77	188.28	0.011685	3.05	911.57	730.63	0.48
Chiq-2-Oso	34912	2-EV	737.00	184.00	186.53	185.52	186.61	0.005955	2.22	331.40	246.85	0.34
Chiq-2-Oso	34804	100-EV	2192.00	184.00	191.46	188.85	191.90	0.005586	5.38	4087.55	728.56	0.40
Chiq-2-Oso	34804	50-EV	19340.00	184.00	191.02	188.60	191.43	0.005634	5.13	3768.44	726.14	0.40
Chiq-2-Oso	34804	25-EV	16148.00	184.00	190.46	188.28	190.82	0.005686	4.80	3366.60	723.55	0.39
Chiq-2-Oso	34804	10-EV	7435.00	184.00	188.64	187.17	188.85	0.006100	3.61	2058.70	715.91	0.38
Chiq-2-Oso	34804	5-EV	2778.00	184.00	187.30	186.28	187.40	0.005866	2.49	1115.14	655.44	0.34
Chiq-2-Oso	34804	2-EV	737.00	184.00	185.78	184.89	185.86	0.008352	2.30	320.64	237.39	0.35
Chiq-2-Oso	34699	100-EV	2192.00	182.00	190.79	188.36	191.27	0.006464	5.59	3931.89	715.09	0.42
Chiq-2-Oso	34699	50-EV	19340.00	182.00	190.34	188.09	190.78	0.006619	5.36	3611.17	713.84	0.42
Chiq-2-Oso	34699	25-EV	16148.00	182.00	189.77	187.72	190.16	0.006834	5.04	3206.27	712.35	0.42
Chiq-2-Oso	34699	10-EV	7435.00	182.00	187.85	186.62	188.10	0.008216	4.02	1850.38	677.29	0.43
Chiq-2-Oso	34699	5-EV	2778.00	182.00	186.43	185.22	186.57	0.010908	3.04	912.39	642.57	0.45
Chiq-2-Oso	34699	2-EV	737.00	182.00	185.07	184.20	185.13	0.005840	2.06	358.48	259.83	0.31
Chiq-2-Oso	34603	100-EV	2192.00	182.00	190.39	188.81	190.73	0.004268	4.71	4669.81	786.50	0.34
Chiq-2-Oso	34603	50-EV	19340.00	182.00	189.92	188.24	190.24	0.004302	4.49	4306.38	784.38	0.34
Chiq-2-Oso	34603	25-EV	16148.00	182.00	189.34	187.61	189.61	0.004327	4.20	3848.68	780.95	0.33
Chiq-2-Oso	34603	10-EV	7435.00	182.00	187.30	186.47	187.47	0.005024	3.26	2280.97	758.84	0.33
Chiq-2-Oso	34603	5-EV	2778.00	182.00	185.79	185.88	185.88	0.004906	2.40	1156.98	643.86	0.32
Chiq-2-Oso	34603	2-EV	737.00	182.00	184.54	184.58	184.58	0.005514	1.65	447.33	484.64	0.30
Chiq-2-Oso	34503	100-EV	2192.00	182.00	189.90	186.81	190.27	0.004907	4.85	4530.46	799.22	0.36
Chiq-2-Oso	34503	50-EV	19340.00	182.00	189.43	186.53	189.76	0.005062	4.66	4151.90	798.27	0.36
Chiq-2-Oso	34503	25-EV	16148.00	182.00	188.83	186.19	189.13	0.005288	4.40	3673.72	797.07	0.36
Chiq-2-Oso	34503	10-EV	7435.00	182.00	186.78	185.09	186.96	0.004972	3.43	2165.56	689.99	0.34
Chiq-2-Oso	34503	5-EV	2778.00	182.00	185.31	184.25	185.39	0.004806	2.36	1175.70	651.84	0.31
Chiq-2-Oso	34503	2-EV	737.00	182.00	183.95	182.98	184.02	0.005685	2.06	357.17	306.39	0.34
Chiq-2-Oso	34398	100-EV	2192.00	182.00	189.39	188.75	189.75	0.005020	4.81	4569.61	825.81	0.36
Chiq-2-Oso	34398	50-EV	19340.00	182.00	188.89	187.22	189.22	0.005306	4.65	4156.51	824.46	0.37
Chiq-2-Oso	34398	25-EV	16148.00	182.00	188.24	186.55	188.55	0.005817	4.46	3623.65	822.74	0.37
Chiq-2-Oso	34398	10-EV	7435.00	182.00	186.16	184.37	186.37	0.006560	3.66	2028.94	716.97	0.38
Chiq-2-Oso	34398	5-EV	2778.00	182.00	184.70	184.81	184.81	0.006548	2.62	1060.18	634.28	0.36
Chiq-2-Oso	34398	2-EV	737.00	182.00	183.09	183.18	183.18	0.011952	2.47	297.80	340.36	0.47
Chiq-2-Oso	34296	100-EV	2192.00	180.00	188.98	188.32	189.32	0.003419	4.67	4712.33	763.33	0.33
Chiq-2-Oso	34296	50-EV	19340.00	180.00	188.46	186.78	188.78	0.003522	4.48	4318.72	761.74	0.33
Chiq-2-Oso	34296	25-EV	16148.00	180.00	187.79	186.07	188.07	0.003720	4.25	3803.76	758.35	0.33
Chiq-2-Oso	34296	10-EV	7435.00	180.00	185.61	183.79	185.79	0.004708	3.41	2180.64	724.04	0.35
Chiq-2-Oso	34296	5-EV	2778.00	180.00	184.13	184.22	184.22	0.004928	2.43	1142.61	650.39	0.32
Chiq-2-Oso	34296	2-EV	737.00	180.00	182.43	182.48	182.48	0.004315	1.78	415.16	341.81	0.28
Chiq-2-Oso	34194	100-EV	2192.00	180.00	188.50	188.82	188.92	0.004427	5.17	4254.92	764.21	0.39
Chiq-2-Oso	34194	50-EV	19340.00	180.00	187.97	186.36	188.36	0.004615	5.03	3847.33	733.07	0.39
Chiq-2-Oso	34194	25-EV	16148.00	180.00	187.27	185.63	187.63	0.004939	4.83	3342.79	700.73	0.39
Chiq-2-Oso	34194	10-EV	7435.00	180.00	184.93	183.20	185.20	0.007342	4.12	1804.40	640.18	0.43
Chiq-2-Oso	34194	5-EV	2778.00	180.00	183.44	183.59	183.59	0.007909	3.10	896.87	526.82	0.42
Chiq-2-Oso	34194	2-EV	737.00	180.00	181.76	181.89	181.89	0.008062	2.83	259.99	168.54	0.40
Chiq-2-Oso	34095	100-EV	2192.00	178.21	188.13	188.51	188.51	0.003650	4.97	4423.64	737.72	0.36
Chiq-2-Oso	34095	50-EV	19340.00	178.21	187.58	186.94	187.94	0.003772	4.81	4022.34	724.85	0.36
Chiq-2-Oso	34095	25-EV	16148.00	178.21	186.85	185.18	187.18	0.004034	4.62	3496.46	706.11	0.37
Chiq-2-Oso	34095	10-EV	7435.00	178.21	184.30	184.54	184.54	0.005824	3.96	1877.70	593.92	0.39
Chiq-2-Oso	34095	5-EV	2778.00	178.21	182.62	182.77	182.77	0.008682	3.06	907.57	568.98	0.43
Chiq-2-Oso	34095	2-EV	737.00	178.21	181.10	181.18	181.18	0.006032	2.25	327.13	253.49	0.35
Chiq-2-Oso	33992	100-EV	2192.00	178.00	187.81	188.15	188.15	0.003146	4.69	4684.96	716.91	0.32
Chiq-2-Oso	33992	50-EV	19340.00	178.00	187.25	187.57	187.57	0.003242	4.51	4285.74	712.21	0.32

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	33992	25-EV	16148.00	178.00	186.49		186.78	0.003487	4.31	3746.19	705.57	0.33
Chiq-2-Oso	33992	10-EV	7435.00	178.00	183.78		184.00	0.004676	3.74	1990.11	575.32	0.35
Chiq-2-Oso	33992	5-EV	2778.00	178.00	181.95		182.07	0.005362	2.87	969.04	466.38	0.35
Chiq-2-Oso	33992	2-EV	737.00	178.00	180.56		180.62	0.004882	1.86	395.74	371.98	0.32
Chiq-2-Oso	33878	100-EV	21992.00	178.00	187.46		187.80	0.003001	4.64	4736.08	706.43	0.32
Chiq-2-Oso	33878	50-EV	19340.00	178.00	186.90		187.20	0.003069	4.46	4336.26	701.44	0.32
Chiq-2-Oso	33878	25-EV	16148.00	178.00	186.11		186.39	0.003291	4.27	3785.43	694.40	0.32
Chiq-2-Oso	33878	10-EV	7435.00	178.00	183.25		183.47	0.004522	3.76	1979.72	554.76	0.35
Chiq-2-Oso	33878	5-EV	2778.00	178.00	181.14		181.30	0.008615	3.25	855.19	508.56	0.44
Chiq-2-Oso	33878	2-EV	737.00	178.00	179.57		179.74	0.013224	3.27	225.18	163.18	0.49
Chiq-2-Oso	33773	100-EV	21992.00	176.00	187.12		187.47	0.003214	4.76	4624.14	712.38	0.33
Chiq-2-Oso	33773	50-EV	19340.00	176.00	186.54		186.87	0.003285	4.59	4214.95	705.97	0.33
Chiq-2-Oso	33773	25-EV	16148.00	176.00	185.74		186.04	0.003242	4.41	3664.57	655.71	0.33
Chiq-2-Oso	33773	10-EV	7435.00	176.00	182.88		183.08	0.003073	3.60	2066.63	449.52	0.30
Chiq-2-Oso	33773	5-EV	2778.00	176.00	180.64		180.74	0.003470	2.61	1065.53	443.51	0.30
Chiq-2-Oso	33773	2-EV	737.00	176.00	179.04		179.09	0.003277	1.75	420.12	355.91	0.28
Chiq-2-Oso	33669	100-EV	21992.00	176.00	186.63		187.04	0.005291	5.16	4259.70	731.86	0.38
Chiq-2-Oso	33669	50-EV	19340.00	176.00	186.01		186.41	0.005877	5.07	3811.82	728.44	0.39
Chiq-2-Oso	33669	25-EV	16148.00	176.00	185.21		185.59	0.005894	4.95	3262.49	653.46	0.39
Chiq-2-Oso	33669	10-EV	7435.00	176.00	182.41		182.67	0.004969	4.09	1819.36	440.44	0.35
Chiq-2-Oso	33669	5-EV	2778.00	176.00	180.09		180.25	0.006533	3.21	864.11	374.73	0.37
Chiq-2-Oso	33669	2-EV	737.00	176.00	178.38		178.48	0.013020	2.48	297.16	325.24	0.46
Chiq-2-Oso	33568	100-EV	21992.00	174.00	186.13		186.57	0.004070	5.35	4113.70	696.14	0.39
Chiq-2-Oso	33568	50-EV	19340.00	174.00	185.51		185.93	0.004013	5.20	3717.95	615.41	0.37
Chiq-2-Oso	33568	25-EV	16148.00	174.00	184.72		185.10	0.004023	4.97	3245.99	584.93	0.37
Chiq-2-Oso	33568	10-EV	7435.00	174.00	181.98		182.23	0.003892	4.04	1841.74	426.78	0.34
Chiq-2-Oso	33568	5-EV	2778.00	174.00	179.60		179.74	0.003913	3.01	922.42	335.63	0.32
Chiq-2-Oso	33568	2-EV	737.00	174.00	177.65		177.73	0.004751	2.26	325.64	262.42	0.36
Chiq-2-Oso	33458	100-EV	21992.00	174.00	185.51	181.56	186.07	0.004883	6.02	3655.44	472.23	0.38
Chiq-2-Oso	33458	50-EV	19340.00	174.00	184.92	181.09	185.43	0.004841	5.72	3381.59	468.70	0.38
Chiq-2-Oso	33458	25-EV	16148.00	174.00	184.17	180.51	184.62	0.004787	5.33	3031.79	464.16	0.37
Chiq-2-Oso	33458	10-EV	7435.00	174.00	181.50	178.69	181.76	0.004729	4.09	1819.60	414.81	0.34
Chiq-2-Oso	33458	5-EV	2778.00	174.00	179.20	177.10	179.32	0.003626	2.81	988.58	330.18	0.29
Chiq-2-Oso	33458	2-EV	737.00	174.00	177.28	175.83	177.33	0.002796	1.73	425.53	237.24	0.23
Chiq-2-Oso	33352	100-EV	22884.00	174.00	184.83	181.09	185.45	0.006859	6.31	3623.82	487.33	0.41
Chiq-2-Oso	33352	50-EV	20136.00	174.00	184.26	180.70	184.82	0.006807	6.02	3345.46	481.96	0.40
Chiq-2-Oso	33352	25-EV	16813.00	174.00	183.52	180.18	184.01	0.006725	5.62	2992.55	475.28	0.39
Chiq-2-Oso	33352	10-EV	7588.00	174.00	180.94	178.30	181.20	0.005761	4.15	1828.98	414.40	0.35
Chiq-2-Oso	33352	5-EV	2873.00	174.00	178.75	176.88	178.88	0.004897	2.85	1006.45	349.09	0.30
Chiq-2-Oso	33352	2-EV	714.00	174.00	176.93	175.45	176.97	0.004192	1.66	430.37	283.48	0.24
Chiq-2-Oso	33244	100-EV	22884.00	174.00	184.17	180.20	184.74	0.006126	6.09	3758.41	543.43	0.38
Chiq-2-Oso	33244	50-EV	20136.00	174.00	183.60	179.82	184.12	0.005962	5.77	3491.70	473.50	0.37
Chiq-2-Oso	33244	25-EV	16813.00	174.00	182.89	179.34	183.33	0.005718	5.33	3154.46	467.78	0.36
Chiq-2-Oso	33244	10-EV	7588.00	174.00	180.41	177.74	180.63	0.004681	3.75	2024.12	443.14	0.31
Chiq-2-Oso	33244	5-EV	2873.00	174.00	178.26	176.46	178.36	0.004540	2.61	1101.99	411.69	0.28
Chiq-2-Oso	33244	2-EV	714.00	174.00	176.39	175.21	176.44	0.005866	1.72	414.56	331.26	0.27
Chiq-2-Oso	33144	100-EV	22884.00	173.69	183.59		184.16	0.005459	6.03	3795.36	586.29	0.42
Chiq-2-Oso	33144	50-EV	20136.00	173.69	183.01		183.54	0.005597	5.83	3456.29	583.30	0.42
Chiq-2-Oso	33144	25-EV	16813.00	173.69	182.27		182.75	0.005797	5.56	3022.34	579.46	0.43
Chiq-2-Oso	33144	10-EV	7588.00	173.69	179.73		180.07	0.006287	4.73	1602.62	462.74	0.45
Chiq-2-Oso	33144	5-EV	2873.00	173.69	177.67		177.84	0.005945	3.31	867.05	319.17	0.35
Chiq-2-Oso	33144	2-EV	714.00	173.69	175.70		175.80	0.006903	2.45	291.76	191.73	0.35
Chiq-2-Oso	33046	100-EV	22884.00	172.00	183.09		183.64	0.005096	5.97	3831.35	568.66	0.41
Chiq-2-Oso	33046	50-EV	20136.00	172.00	182.49		183.01	0.005237	5.76	3495.18	565.79	0.41
Chiq-2-Oso	33046	25-EV	16813.00	172.00	181.73		182.19	0.005457	5.49	3063.20	561.39	0.41
Chiq-2-Oso	33046	10-EV	7588.00	172.00	179.11		179.44	0.006529	4.61	1644.32	491.51	0.44
Chiq-2-Oso	33046	5-EV	2873.00	172.00	176.97		177.17	0.007828	3.62	794.59	324.64	0.41
Chiq-2-Oso	33046	2-EV	714.00	172.00	174.84		174.97	0.010510	2.89	247.48	180.25	0.43
Chiq-2-Oso	32945	100-EV	22884.00	172.00	182.72		183.18	0.003675	5.45	4199.80	554.17	0.35
Chiq-2-Oso	32945	50-EV	20136.00	172.00	182.12		182.54	0.003668	5.20	3870.32	551.31	0.35
Chiq-2-Oso	32945	25-EV	16813.00	172.00	181.35		181.72	0.003659	4.88	3446.41	547.67	0.34
Chiq-2-Oso	32945	10-EV	7588.00	172.00	178.71		178.93	0.003601	3.75	2022.69	530.26	0.34
Chiq-2-Oso	32945	5-EV	2873.00	172.00	176.51		176.64	0.003557	2.93	980.57	392.06	0.33
Chiq-2-Oso	32945	2-EV	714.00	172.00	174.34		174.39	0.003394	1.84	388.74	225.31	0.25
Chiq-2-Oso	32844	100-EV	22884.00	171.88	182.23		182.77	0.004260	5.89	3885.12	503.86	0.37
Chiq-2-Oso	32844	50-EV	20136.00	171.88	181.65		182.14	0.004214	5.60	3592.66	501.27	0.37
Chiq-2-Oso	32844	25-EV	16813.00	171.88	180.90		181.32	0.004150	5.23	3215.92	497.82	0.36
Chiq-2-Oso	32844	10-EV	7588.00	171.88	178.32		178.55	0.003872	3.90	1947.58	486.15	0.34
Chiq-2-Oso	32844	5-EV	2873.00	171.88	176.09		176.25	0.004192	3.17	905.55	404.75	0.37
Chiq-2-Oso	32844	2-EV	714.00	171.88	173.77		173.87	0.008364	2.56	278.69	196.02	0.38

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	32744	100-EV	22884.00	170.00	181.58		182.25	0.006172	6.55	3494.39	466.94	0.42
Chiq-2-Oso	32744	50-EV	20136.00	170.00	181.02		181.62	0.006160	6.23	3230.95	465.07	0.42
Chiq-2-Oso	32744	25-EV	16813.00	170.00	180.28		180.81	0.006165	5.82	2890.38	462.65	0.41
Chiq-2-Oso	32744	10-EV	7588.00	170.00	177.76		178.05	0.006520	4.37	1736.08	448.25	0.39
Chiq-2-Oso	32744	5-EV	2873.00	170.00	175.55		175.74	0.006226	3.47	828.79	301.95	0.37
Chiq-2-Oso	32744	2-EV	714.00	170.00	173.05		173.16	0.006218	2.66	268.00	141.35	0.34
Chiq-2-Oso	32643	100-EV	22884.00	170.00	181.05		181.66	0.005295	6.24	3670.13	470.14	0.39
Chiq-2-Oso	32643	50-EV	20136.00	170.00	180.49		181.03	0.005217	5.91	3406.71	468.32	0.39
Chiq-2-Oso	32643	25-EV	16813.00	170.00	179.76		180.23	0.005122	5.48	3065.42	465.93	0.38
Chiq-2-Oso	32643	10-EV	7588.00	170.00	177.23		177.47	0.004848	4.00	1899.23	449.04	0.34
Chiq-2-Oso	32643	5-EV	2873.00	170.00	175.01		175.15	0.005257	2.97	967.19	384.50	0.33
Chiq-2-Oso	32643	2-EV	714.00	170.00	172.59		172.66	0.003784	2.09	342.38	178.33	0.27
Chiq-2-Oso	32544	100-EV	22884.00	170.00	180.46		181.10	0.005732	6.44	3553.87	477.85	0.42
Chiq-2-Oso	32544	50-EV	20136.00	170.00	179.91		180.49	0.005655	6.12	3290.38	476.31	0.41
Chiq-2-Oso	32544	25-EV	16813.00	170.00	179.19		179.69	0.005557	5.70	2948.20	474.29	0.40
Chiq-2-Oso	32544	10-EV	7588.00	170.00	176.69		176.97	0.005197	4.28	1770.83	467.30	0.39
Chiq-2-Oso	32544	5-EV	2873.00	170.00	174.51		174.66	0.004582	3.11	922.54	332.75	0.33
Chiq-2-Oso	32544	2-EV	714.00	170.00	172.18		172.25	0.004602	2.11	338.72	194.64	0.28
Chiq-2-Oso	32497	100-EV	22884.00	170.00	180.18		180.83	0.005908	6.43	3557.24	491.63	0.42
Chiq-2-Oso	32497	50-EV	20136.00	170.00	179.63		180.22	0.005861	6.13	3286.37	489.52	0.42
Chiq-2-Oso	32497	25-EV	16813.00	170.00	178.91		179.42	0.005806	5.73	2935.20	486.63	0.41
Chiq-2-Oso	32497	10-EV	7588.00	170.00	176.42		176.71	0.005641	4.38	1732.76	470.49	0.40
Chiq-2-Oso	32497	5-EV	2873.00	170.00	174.25		174.41	0.005785	3.26	881.49	361.71	0.37
Chiq-2-Oso	32497	2-EV	714.00	170.00	171.93		172.01	0.005316	2.29	312.27	180.31	0.31
Chiq-2-Oso	32454	100-EV	22884.00	169.27	179.94		180.56	0.006274	6.34	3611.60	498.57	0.42
Chiq-2-Oso	32454	50-EV	20136.00	169.27	179.38		179.95	0.006283	6.03	3336.67	496.70	0.41
Chiq-2-Oso	32454	25-EV	16813.00	169.27	178.66		179.16	0.006333	5.64	2979.37	494.25	0.41
Chiq-2-Oso	32454	10-EV	7588.00	169.27	176.16		176.45	0.006698	4.30	1766.48	461.51	0.39
Chiq-2-Oso	32454	5-EV	2873.00	169.27	173.99		174.15	0.006602	3.19	900.69	361.42	0.36
Chiq-2-Oso	32454	2-EV	714.00	169.27	171.59		171.70	0.009926	2.70	264.38	179.97	0.39
Chiq-2-Oso	32349	100-EV	22884.00	168.00	179.43		179.96	0.004815	5.82	3928.67	531.21	0.38
Chiq-2-Oso	32349	50-EV	20136.00	168.00	178.88		179.36	0.004758	5.54	3634.56	529.47	0.37
Chiq-2-Oso	32349	25-EV	16813.00	168.00	178.16		178.57	0.004625	5.16	3255.91	520.56	0.36
Chiq-2-Oso	32349	10-EV	7588.00	168.00	175.70		175.91	0.003751	3.72	2037.48	447.64	0.31
Chiq-2-Oso	32349	5-EV	2873.00	168.00	173.56		173.66	0.003277	2.54	1132.15	383.16	0.26
Chiq-2-Oso	32349	2-EV	714.00	168.00	171.15		171.20	0.002653	1.81	394.91	194.92	0.22
Chiq-2-Oso	32249	100-EV	22884.00	168.00	178.94		179.47	0.004979	5.84	3915.87	531.73	0.38
Chiq-2-Oso	32249	50-EV	20136.00	168.00	178.39		178.87	0.004957	5.56	3624.13	529.77	0.37
Chiq-2-Oso	32249	25-EV	16813.00	168.00	177.68		178.09	0.004935	5.18	3247.90	527.19	0.37
Chiq-2-Oso	32249	10-EV	7588.00	168.00	175.25		175.48	0.005063	3.83	1979.26	517.23	0.35
Chiq-2-Oso	32249	5-EV	2873.00	168.00	173.15		173.27	0.004443	2.86	1003.43	371.49	0.31
Chiq-2-Oso	32249	2-EV	714.00	168.00	170.81		170.88	0.003885	2.06	345.80	187.02	0.27
Chiq-2-Oso	32149	100-EV	22884.00	167.52	177.63	174.29	178.22	0.005943	6.13	3731.02	520.77	0.40
Chiq-2-Oso	32149	50-EV	20136.00	167.52	177.10	173.95	177.63	0.005875	5.83	3454.15	518.48	0.40
Chiq-2-Oso	32149	25-EV	16813.00	167.52	176.41	173.49	176.87	0.005783	5.43	3096.84	515.50	0.39
Chiq-2-Oso	32149	10-EV	7588.00	167.52	174.01	171.86	174.27	0.005507	4.04	1877.95	502.09	0.37
Chiq-2-Oso	32149	5-EV	2873.00	167.52	172.04	170.06	172.19	0.005125	3.02	950.13	437.79	0.36
Chiq-2-Oso	32149	2-EV	714.00	167.52	169.90	168.72	169.96	0.004196	2.05	348.48	203.88	0.28
Chiq-2-Oso	32067		Bridge									
Chiq-2-Oso	31822	100-EV	22884.00	166.00	175.82	172.50	176.43	0.006200	6.27	3649.62	556.95	0.41
Chiq-2-Oso	31822	50-EV	20136.00	166.00	175.32	172.16	175.87	0.006043	5.92	3401.20	554.01	0.40
Chiq-2-Oso	31822	25-EV	16813.00	166.00	174.68	171.72	175.14	0.005831	5.46	3078.76	549.95	0.39
Chiq-2-Oso	31822	10-EV	7588.00	166.00	172.31	170.31	172.55	0.005710	3.98	1905.80	532.68	0.36
Chiq-2-Oso	31822	5-EV	2873.00	166.00	170.18	168.02	170.34	0.010052	3.25	884.13	507.87	0.42
Chiq-2-Oso	31822	2-EV	714.00	166.00	167.83	166.81	167.91	0.004820	2.15	332.48	206.78	0.29
Chiq-2-Oso	31649	100-EV	22884.00	164.00	174.76	171.71	175.32	0.005829	5.98	3823.64	590.55	0.41
Chiq-2-Oso	31649	50-EV	20136.00	164.00	174.29	171.39	174.79	0.005714	5.68	3543.86	586.80	0.41
Chiq-2-Oso	31649	25-EV	16813.00	164.00	173.67	170.97	174.10	0.005542	5.28	3183.99	581.49	0.40
Chiq-2-Oso	31649	10-EV	7588.00	164.00	171.19	168.69	171.47	0.006198	4.24	1790.39	538.42	0.41
Chiq-2-Oso	31649	5-EV	2873.00	164.00	169.01	167.16	169.18	0.004531	3.26	880.23	283.42	0.33
Chiq-2-Oso	31649	2-EV	714.00	164.00	167.21	165.77	167.26	0.002681	1.75	407.26	242.07	0.24
Chiq-2-Oso	31548	100-EV	22884.00	164.00	174.05		174.68	0.006754	6.37	3595.21	615.76	0.46
Chiq-2-Oso	31548	50-EV	20136.00	164.00	173.58		174.16	0.006721	6.09	3308.28	610.14	0.46
Chiq-2-Oso	31548	25-EV	16813.00	164.00	172.98		173.49	0.006657	5.71	2941.92	603.53	0.46
Chiq-2-Oso	31548	10-EV	7588.00	164.00	170.46		170.81	0.006894	4.70	1614.29	435.99	0.43
Chiq-2-Oso	31548	5-EV	2873.00	164.00	168.49		168.66	0.005720	3.36	854.91	369.51	0.39
Chiq-2-Oso	31548	2-EV	714.00	164.00	166.86		166.92	0.004281	1.98	360.10	268.87	0.30
Chiq-2-Oso	31440	100-EV	22884.00	164.00	173.13		173.86	0.008474	6.83	3349.01	631.11	0.52

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	31440	50-EV	20136.00	164.00	172.65		173.33	0.008670	6.61	3046.56	620.61	0.53
Chiq-2-Oso	31440	25-EV	16813.00	164.00	172.03		172.65	0.008916	6.30	2667.56	608.05	0.53
Chiq-2-Oso	31440	10-EV	7588.00	164.00	169.49		169.94	0.009227	5.38	1411.21	398.43	0.50
Chiq-2-Oso	31440	5-EV	2873.00	164.00	167.62		167.88	0.009375	4.07	705.69	301.14	0.47
Chiq-2-Oso	31440	2-EV	714.00	164.00	166.02		166.16	0.013864	2.94	242.95	278.79	0.56
Chiq-2-Oso	31337	100-EV	22884.00	162.00	172.51		173.06	0.006298	5.95	3842.84	732.50	0.46
Chiq-2-Oso	31337	50-EV	20136.00	162.00	172.01		172.53	0.006243	5.77	3490.48	674.71	0.45
Chiq-2-Oso	31337	25-EV	16813.00	162.00	171.37		171.84	0.006318	5.48	3067.01	659.56	0.45
Chiq-2-Oso	31337	10-EV	7588.00	162.00	168.85		169.17	0.005617	4.54	1669.98	452.41	0.42
Chiq-2-Oso	31337	5-EV	2873.00	162.00	167.07		167.22	0.004267	3.10	926.53	339.76	0.33
Chiq-2-Oso	31337	2-EV	714.00	162.00	165.37		165.42	0.004114	1.81	394.97	303.30	0.28
Chiq-2-Oso	31231	100-EV	22884.00	161.97	171.82		172.33	0.007155	5.72	4000.08	728.22	0.43
Chiq-2-Oso	31231	50-EV	20136.00	161.97	171.30		171.78	0.007628	5.56	3623.30	723.13	0.44
Chiq-2-Oso	31231	25-EV	16813.00	161.97	170.61		171.06	0.008328	5.37	3130.64	703.29	0.45
Chiq-2-Oso	31231	10-EV	7588.00	161.97	168.19		168.49	0.007241	4.37	1736.54	487.81	0.41
Chiq-2-Oso	31231	5-EV	2873.00	161.97	166.41		166.57	0.009183	3.23	889.38	471.55	0.41
Chiq-2-Oso	31231	2-EV	714.00	161.97	164.82		164.89	0.006104	2.04	349.16	275.98	0.32
Chiq-2-Oso	31131	100-EV	22884.00	162.00	171.20		171.70	0.005582	5.69	4021.45	701.84	0.42
Chiq-2-Oso	31131	50-EV	20136.00	162.00	170.66		171.14	0.005563	5.50	3657.95	659.68	0.41
Chiq-2-Oso	31131	25-EV	16813.00	162.00	169.97		170.39	0.005430	5.22	3218.90	607.07	0.40
Chiq-2-Oso	31131	10-EV	7588.00	162.00	167.61		167.86	0.005304	4.06	1869.42	541.45	0.39
Chiq-2-Oso	31131	5-EV	2873.00	162.00	165.73		165.88	0.005458	3.06	939.09	374.32	0.34
Chiq-2-Oso	31131	2-EV	714.00	162.00	164.27		164.32	0.005249	1.77	402.30	349.61	0.29
Chiq-2-Oso	31022	100-EV	22884.00	162.00	170.48		171.05	0.006254	6.03	3792.61	728.38	0.47
Chiq-2-Oso	31022	50-EV	20136.00	162.00	169.94		170.48	0.006318	5.92	3402.30	642.68	0.45
Chiq-2-Oso	31022	25-EV	16813.00	162.00	169.24		169.74	0.006528	5.66	2970.73	604.83	0.45
Chiq-2-Oso	31022	10-EV	7588.00	162.00	166.86		167.19	0.007047	4.63	1640.57	524.89	0.46
Chiq-2-Oso	31022	5-EV	2873.00	162.00	164.98		165.17	0.007730	3.47	827.18	358.54	0.40
Chiq-2-Oso	31022	2-EV	714.00	162.00	163.51		163.59	0.008883	2.23	320.74	293.15	0.38
Chiq-2-Oso	30920	100-EV	22884.00	159.65	169.85		170.37	0.006859	5.79	3952.33	683.12	0.42
Chiq-2-Oso	30920	50-EV	20136.00	159.65	169.29		169.79	0.007045	5.63	3576.77	658.77	0.43
Chiq-2-Oso	30920	25-EV	16813.00	159.65	168.59		169.04	0.006965	5.37	3130.89	615.32	0.42
Chiq-2-Oso	30920	10-EV	7588.00	159.65	166.23		166.49	0.006290	4.07	1864.79	519.18	0.38
Chiq-2-Oso	30920	5-EV	2873.00	159.65	164.32		164.46	0.006023	2.96	970.27	426.08	0.35
Chiq-2-Oso	30920	2-EV	714.00	159.65	162.79		162.84	0.006028	1.82	392.14	361.64	0.31
Chiq-2-Oso	30812	100-EV	22884.00	160.00	169.11		169.67	0.006006	6.02	3803.92	657.12	0.44
Chiq-2-Oso	30812	50-EV	20136.00	160.00	168.51		169.05	0.006390	5.89	3417.48	645.98	0.45
Chiq-2-Oso	30812	25-EV	16813.00	160.00	167.77		168.28	0.006926	5.71	2943.15	619.20	0.46
Chiq-2-Oso	30812	10-EV	7588.00	160.00	165.26		165.65	0.009452	5.02	1511.91	491.66	0.50
Chiq-2-Oso	30812	5-EV	2873.00	160.00	163.36		163.60	0.010645	3.94	729.80	343.45	0.48
Chiq-2-Oso	30812	2-EV	714.00	160.00	161.81		161.94	0.011897	2.95	241.77	184.64	0.45
Chiq-2-Oso	30711	100-EV	22884.00	158.00	168.63		169.10	0.004855	5.47	4186.67	643.73	0.38
Chiq-2-Oso	30711	50-EV	20136.00	158.00	168.01		168.45	0.005107	5.32	3788.16	634.51	0.38
Chiq-2-Oso	30711	25-EV	16813.00	158.00	167.22		167.63	0.005456	5.09	3301.38	605.78	0.38
Chiq-2-Oso	30711	10-EV	7588.00	158.00	164.61		164.87	0.005884	4.09	1855.33	504.72	0.38
Chiq-2-Oso	30711	5-EV	2873.00	158.00	162.73		162.85	0.004971	2.81	1022.68	406.53	0.31
Chiq-2-Oso	30711	2-EV	714.00	158.00	160.83		160.91	0.008648	2.20	324.11	304.87	0.38
Chiq-2-Oso	30609	100-EV	22884.00	158.00	168.11		168.59	0.005070	5.56	4118.70	647.53	0.39
Chiq-2-Oso	30609	50-EV	20136.00	158.00	167.46		167.92	0.005387	5.42	3718.55	602.46	0.38
Chiq-2-Oso	30609	25-EV	16813.00	158.00	166.64		167.06	0.005740	5.21	3227.40	585.74	0.39
Chiq-2-Oso	30609	10-EV	7588.00	158.00	163.97		164.23	0.006593	4.16	1825.71	487.77	0.38
Chiq-2-Oso	30609	5-EV	2873.00	158.00	162.12		162.26	0.007011	2.99	962.47	443.40	0.36
Chiq-2-Oso	30609	2-EV	714.00	158.00	160.19		160.25	0.004944	1.92	372.36	248.34	0.28
Chiq-2-Oso	30509	100-EV	22884.00	156.45	167.41		167.99	0.007019	6.10	3754.55	618.75	0.44
Chiq-2-Oso	30509	50-EV	20136.00	156.45	166.69		167.26	0.007729	6.06	3321.13	590.79	0.45
Chiq-2-Oso	30509	25-EV	16813.00	156.45	165.81		166.36	0.008277	5.95	2826.77	498.75	0.44
Chiq-2-Oso	30509	10-EV	7588.00	156.45	163.01		163.39	0.010785	4.93	1538.98	436.10	0.46
Chiq-2-Oso	30509	5-EV	2873.00	156.45	161.04		161.28	0.014190	3.90	737.50	361.76	0.48
Chiq-2-Oso	30509	2-EV	714.00	156.45	159.32		159.45	0.015092	2.94	242.89	183.61	0.45
Chiq-2-Oso	30395	100-EV	22884.00	155.39	166.80		167.29	0.005069	5.60	4086.79	663.44	0.40
Chiq-2-Oso	30395	50-EV	20136.00	155.39	166.00		166.50	0.005628	5.65	3566.91	634.63	0.42
Chiq-2-Oso	30395	25-EV	16813.00	155.39	165.02		165.53	0.006388	5.70	2949.24	619.64	0.46
Chiq-2-Oso	30395	10-EV	7588.00	155.39	161.95		162.33	0.008236	4.94	1536.79	378.39	0.43
Chiq-2-Oso	30395	5-EV	2873.00	155.39	159.85		160.07	0.008279	3.71	775.24	297.86	0.40
Chiq-2-Oso	30395	2-EV	714.00	155.39	158.03		158.13	0.009304	2.53	282.17	238.87	0.41
Chiq-2-Oso	30287	100-EV	22884.00	154.00	166.34		166.75	0.004523	5.14	4454.30	713.66	0.36
Chiq-2-Oso	30287	50-EV	20136.00	154.00	165.49		165.91	0.004906	5.18	3890.73	639.27	0.37
Chiq-2-Oso	30287	25-EV	16813.00	154.00	164.42		164.84	0.005834	5.23	3216.84	616.89	0.40
Chiq-2-Oso	30287	10-EV	7588.00	154.00	161.05		161.41	0.008651	4.83	1571.60	379.88	0.42
Chiq-2-Oso	30287	5-EV	2873.00	154.00	158.87		159.08	0.010056	3.70	777.21	333.36	0.43

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	30287	2-EV	714.00	154.00	157.14		157.23	0.007435	2.43	294.13	206.46	0.36
Chiq-2-Oso	30148	100-EV	22884.00	152.18	165.84		166.22	0.003156	4.99	4588.59	489.25	0.29
Chiq-2-Oso	30148	50-EV	20136.00	152.18	164.97		165.34	0.003316	4.83	4168.15	484.99	0.29
Chiq-2-Oso	30148	25-EV	16813.00	152.18	163.85		164.19	0.003604	4.63	3627.70	480.12	0.30
Chiq-2-Oso	30148	10-EV	7588.00	152.18	160.11		160.37	0.006180	4.08	1861.48	460.46	0.36
Chiq-2-Oso	30148	5-EV	2873.00	152.18	157.18		157.46	0.013753	4.23	679.63	320.79	0.51
Chiq-2-Oso	30148	2-EV	714.00	152.18	154.89		155.26	0.035235	4.87	146.50	134.13	0.82
Chiq-2-Oso	30015	100-EV	22884.00	150.00	165.46	158.54	165.85	0.002436	5.05	4535.82	497.21	0.26
Chiq-2-Oso	30015	50-EV	20136.00	150.00	164.60	157.99	164.95	0.002441	4.80	4198.44	480.30	0.26
Chiq-2-Oso	30015	25-EV	16813.00	150.00	163.47	157.40	163.78	0.002466	4.48	3756.32	451.79	0.26
Chiq-2-Oso	30015	10-EV	7588.00	150.00	159.65	155.43	159.82	0.002657	3.37	2254.06	421.49	0.25
Chiq-2-Oso	30015	5-EV	2873.00	150.00	156.69	153.89	156.78	0.002283	2.39	1201.47	350.21	0.22
Chiq-2-Oso	30015	2-EV	714.00	150.00	154.23	152.38	154.27	0.002712	1.54	464.56	303.69	0.21
Chiq-2-Oso	29779	100-EV	22884.00	150.00	164.59	158.03	165.08	0.004470	5.63	4063.29	578.65	0.31
Chiq-2-Oso	29779	50-EV	20136.00	150.00	163.73	157.56	164.18	0.004520	5.42	3718.26	564.43	0.31
Chiq-2-Oso	29779	25-EV	16813.00	150.00	162.59	156.96	163.00	0.004577	5.13	3278.40	508.10	0.31
Chiq-2-Oso	29779	10-EV	7588.00	150.00	158.80	155.04	159.02	0.004409	3.84	1977.44	374.66	0.27
Chiq-2-Oso	29779	5-EV	2873.00	150.00	155.94	153.12	156.05	0.004361	2.65	1085.71	343.01	0.25
Chiq-2-Oso	29779	2-EV	714.00	150.00	153.55	151.39	153.59	0.003097	1.67	428.38	213.17	0.19
Chiq-2-Oso	29607	100-EV	22884.00	150.00	162.71	158.24	163.76	0.011332	8.21	2786.73	268.82	0.45
Chiq-2-Oso	29607	50-EV	20136.00	150.00	161.92	157.71	162.87	0.011338	7.83	2572.88	268.82	0.45
Chiq-2-Oso	29607	25-EV	16813.00	150.00	160.87	157.04	161.70	0.011242	7.34	2292.05	263.30	0.44
Chiq-2-Oso	29607	10-EV	7588.00	150.00	157.31	154.63	157.78	0.011849	5.54	1370.80	254.11	0.42
Chiq-2-Oso	29607	5-EV	2873.00	150.00	154.66	152.91	154.89	0.010928	3.85	746.44	225.68	0.37
Chiq-2-Oso	29607	2-EV	714.00	150.00	152.68	151.28	152.75	0.008616	2.19	325.76	196.96	0.30
Chiq-2-Oso	29516.5		Bridge									
Chiq-2-Oso	29426	100-EV	22884.00	148.00	160.34	156.31	161.47	0.007893	8.53	2683.97	269.95	0.48
Chiq-2-Oso	29426	50-EV	20136.00	148.00	159.54	155.56	160.57	0.007966	8.16	2466.35	269.95	0.48
Chiq-2-Oso	29426	25-EV	16813.00	148.00	158.49	154.76	159.41	0.008123	7.70	2182.89	269.95	0.48
Chiq-2-Oso	29426	10-EV	7588.00	148.00	154.80	152.26	155.37	0.008123	6.04	1256.09	220.82	0.45
Chiq-2-Oso	29426	5-EV	2873.00	148.00	151.94	150.43	152.24	0.008808	4.43	649.19	203.14	0.44
Chiq-2-Oso	29426	2-EV	714.00	148.00	149.62	149.01	149.78	0.013114	3.22	221.87	154.70	0.47
Chiq-2-Oso	29339	100-EV	22884.00	145.78	159.23	153.95	160.25	0.006672	8.09	2827.61	324.62	0.42
Chiq-2-Oso	29339	50-EV	20136.00	145.78	158.45	153.38	159.36	0.006456	7.63	2637.70	319.47	0.41
Chiq-2-Oso	29339	25-EV	16813.00	145.78	157.43	152.66	158.20	0.006167	7.03	2390.86	293.93	0.39
Chiq-2-Oso	29339	10-EV	7588.00	145.78	153.88	150.29	154.25	0.005046	4.91	1546.49	233.50	0.34
Chiq-2-Oso	29339	5-EV	2873.00	145.78	151.10	148.66	151.26	0.003915	3.15	911.64	223.14	0.27
Chiq-2-Oso	29339	2-EV	714.00	145.78	148.83	147.09	148.88	0.002860	1.72	415.95	212.81	0.22
Chiq-2-Oso	28989	100-EV	22884.00	145.54	157.02	153.09	158.22	0.008020	8.76	2612.76	271.41	0.49
Chiq-2-Oso	28989	50-EV	20136.00	145.54	156.29	152.54	157.37	0.007900	8.32	2420.42	263.78	0.48
Chiq-2-Oso	28989	25-EV	16813.00	145.54	155.35	151.85	156.28	0.007721	7.74	2173.53	259.53	0.47
Chiq-2-Oso	28989	10-EV	7588.00	145.54	152.14	149.60	152.62	0.006892	5.57	1362.51	245.91	0.42
Chiq-2-Oso	28989	5-EV	2873.00	145.54	149.74	148.04	149.95	0.005726	3.66	785.11	235.81	0.35
Chiq-2-Oso	28989	2-EV	714.00	145.54	147.85	146.71	147.92	0.004257	2.04	350.52	201.49	0.27
Chiq-2-Oso	28744	100-EV	22884.00	142.03	155.30		156.14	0.008063	7.35	3111.66	325.05	0.42
Chiq-2-Oso	28744	50-EV	20136.00	142.03	154.55		155.32	0.008078	7.01	2870.48	322.57	0.41
Chiq-2-Oso	28744	25-EV	16813.00	142.03	153.59		154.26	0.008105	6.56	2561.98	319.25	0.41
Chiq-2-Oso	28744	10-EV	7588.00	142.03	150.35		150.72	0.008488	4.91	1543.85	308.30	0.39
Chiq-2-Oso	28744	5-EV	2873.00	142.03	147.93		148.12	0.010070	3.55	808.57	299.23	0.38
Chiq-2-Oso	28744	2-EV	714.00	142.03	146.20		146.28	0.011988	2.26	316.40	259.90	0.36
Chiq-2-Oso	28539	100-EV	22884.00	140.00	153.68		154.52	0.007721	7.36	3111.01	313.47	0.41
Chiq-2-Oso	28539	50-EV	20136.00	140.00	152.96		153.71	0.007581	6.98	2884.46	310.37	0.40
Chiq-2-Oso	28539	25-EV	16813.00	140.00	152.02		152.67	0.007364	6.48	2596.53	306.37	0.39
Chiq-2-Oso	28539	10-EV	7588.00	140.00	148.87		149.20	0.006447	4.60	1648.16	295.66	0.34
Chiq-2-Oso	28539	5-EV	2873.00	140.00	146.45		146.59	0.005710	3.05	941.23	287.46	0.30
Chiq-2-Oso	28539	2-EV	714.00	140.00	144.47		144.52	0.006412	1.86	383.87	272.97	0.28
Chiq-2-Oso	28327	100-EV	22884.00	140.00	151.59		152.60	0.010648	8.07	2836.57	313.83	0.47
Chiq-2-Oso	28327	50-EV	20136.00	140.00	150.89		151.81	0.010658	7.69	2617.90	311.92	0.47
Chiq-2-Oso	28327	25-EV	16813.00	140.00	150.00		150.80	0.010635	7.18	2341.72	309.71	0.46
Chiq-2-Oso	28327	10-EV	7588.00	140.00	147.12		147.53	0.009668	5.18	1464.86	297.65	0.41
Chiq-2-Oso	28327	5-EV	2873.00	140.00	144.90		145.09	0.008937	3.50	819.75	283.95	0.36
Chiq-2-Oso	28327	2-EV	714.00	140.00	142.82		142.90	0.009320	2.33	305.83	206.75	0.34
Chiq-2-Oso	28116	100-EV	22884.00	137.50	148.92		150.06	0.013476	8.57	2668.89	316.95	0.52
Chiq-2-Oso	28116	50-EV	20136.00	137.50	148.13		149.20	0.014198	8.32	2419.97	312.75	0.53
Chiq-2-Oso	28116	25-EV	16813.00	137.50	147.09		148.09	0.015551	8.02	2097.47	307.05	0.54
Chiq-2-Oso	28116	10-EV	7588.00	137.50	144.00		144.65	0.020286	6.46	1174.96	290.86	0.57
Chiq-2-Oso	28116	5-EV	2873.00	137.50	141.70		142.13	0.024472	5.29	543.56	211.19	0.58
Chiq-2-Oso	28116	2-EV	714.00	137.50	139.53		139.75	0.027012	3.80	187.76	122.07	0.54

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	27950	100-EV	22884.00	132.00	147.48		148.32	0.007672	7.37	3107.05	306.23	0.41
Chiq-2-Oso	27950	50-EV	20136.00	132.00	146.63		147.41	0.007819	7.07	2849.28	303.14	0.41
Chiq-2-Oso	27950	25-EV	16813.00	132.00	145.45		146.16	0.008327	6.74	2494.71	298.91	0.41
Chiq-2-Oso	27950	10-EV	7588.00	132.00	142.16		142.54	0.008169	4.96	1530.69	286.55	0.38
Chiq-2-Oso	27950	5-EV	2873.00	132.00	139.77		139.94	0.007802	3.36	854.42	276.66	0.34
Chiq-2-Oso	27950	2-EV	714.00	132.00	137.10		137.24	0.009575	2.95	242.17	116.33	0.36
Chiq-2-Oso	27758	100-EV	22884.00	132.00	146.21		146.77	0.007619	5.99	3818.01	510.96	0.39
Chiq-2-Oso	27758	50-EV	20136.00	132.00	145.16		145.74	0.009009	6.11	3293.66	486.30	0.41
Chiq-2-Oso	27758	25-EV	16813.00	132.00	143.98		144.55	0.008020	6.06	2773.46	378.81	0.39
Chiq-2-Oso	27758	10-EV	7588.00	132.00	140.81		141.12	0.006533	4.50	1685.56	311.65	0.34
Chiq-2-Oso	27758	5-EV	2873.00	132.00	138.72		138.84	0.004280	2.74	1048.05	297.77	0.26
Chiq-2-Oso	27758	2-EV	714.00	132.00	136.65		136.68	0.001287	1.29	554.10	202.12	0.14
Chiq-2-Oso	27635	100-EV	23044.00	134.20	144.85		145.75	0.008280	7.61	3040.57	381.21	0.46
Chiq-2-Oso	27635	50-EV	20267.00	134.20	143.48		144.47	0.010929	7.97	2543.64	347.33	0.52
Chiq-2-Oso	27635	25-EV	16921.00	134.20	142.28		143.26	0.013007	7.93	2134.96	333.83	0.55
Chiq-2-Oso	27635	10-EV	7608.00	134.20	138.61		139.55	0.030312	7.75	981.78	298.64	0.75
Chiq-2-Oso	27635	5-EV	2863.00	134.20	136.69	136.69	137.42	0.068185	6.84	418.40	287.90	1.00
Chiq-2-Oso	27635	2-EV	765.00	134.20	135.76	135.76	136.10	0.095960	4.68	163.50	248.37	1.02
Chiq-2-Oso	27377	100-EV	23044.00	128.00	144.03		144.66	0.003776	6.34	3635.14	342.10	0.34
Chiq-2-Oso	27377	50-EV	20267.00	128.00	142.53		143.17	0.004195	6.45	3143.38	311.69	0.36
Chiq-2-Oso	27377	25-EV	16921.00	128.00	141.26		141.85	0.004279	6.14	2756.95	300.96	0.36
Chiq-2-Oso	27377	10-EV	7608.00	128.00	137.31		137.65	0.004361	4.69	1623.33	274.67	0.34
Chiq-2-Oso	27377	5-EV	2863.00	128.00	134.39	131.56	134.56	0.003878	3.32	863.18	234.21	0.30
Chiq-2-Oso	27377	2-EV	765.00	128.00	130.94	129.57	131.08	0.006298	3.06	250.07	120.77	0.37
Chiq-2-Oso	27176	100-EV	23044.00	126.06	143.39	136.67	143.91	0.003366	5.76	4002.66	381.78	0.31
Chiq-2-Oso	27176	50-EV	20267.00	126.06	141.79	136.19	142.33	0.003849	5.92	3425.59	345.97	0.33
Chiq-2-Oso	27176	25-EV	16921.00	126.06	140.48	135.59	140.98	0.004095	5.68	2979.04	336.67	0.34
Chiq-2-Oso	27176	10-EV	7608.00	126.06	136.33	132.95	136.66	0.005583	4.67	1628.41	314.23	0.36
Chiq-2-Oso	27176	5-EV	2863.00	126.06	133.57	129.96	133.75	0.004136	3.39	843.77	222.00	0.31
Chiq-2-Oso	27176	2-EV	765.00	126.06	130.28	128.02	130.36	0.002230	2.27	337.70	112.07	0.23
Chiq-2-Oso	26976	100-EV	23044.00	126.00	142.86		143.28	0.002683	5.24	4394.34	426.14	0.29
Chiq-2-Oso	26976	50-EV	20267.00	126.00	141.18		141.64	0.002923	5.41	3745.44	365.46	0.30
Chiq-2-Oso	26976	25-EV	16921.00	126.00	139.84		140.26	0.003009	5.18	3266.82	351.10	0.30
Chiq-2-Oso	26976	10-EV	7608.00	126.00	135.40		135.69	0.004158	4.30	1768.60	325.03	0.33
Chiq-2-Oso	26976	5-EV	2863.00	126.00	132.66		132.82	0.005277	3.19	896.18	310.64	0.33
Chiq-2-Oso	26976	2-EV	765.00	126.00	129.62		129.74	0.004509	2.78	275.32	114.21	0.32
Chiq-2-Oso	26777	100-EV	23044.00	125.60	142.24		142.66	0.003725	5.19	4439.55	529.24	0.32
Chiq-2-Oso	26777	50-EV	20267.00	125.60	140.61		141.06	0.002849	5.43	3734.67	371.35	0.30
Chiq-2-Oso	26777	25-EV	16921.00	125.60	139.28		139.70	0.002659	5.17	3273.59	335.99	0.29
Chiq-2-Oso	26777	10-EV	7608.00	125.60	134.64		134.93	0.003546	4.28	1778.93	310.36	0.31
Chiq-2-Oso	26777	5-EV	2863.00	125.60	131.74		131.90	0.004037	3.15	908.05	287.46	0.31
Chiq-2-Oso	26777	2-EV	765.00	125.60	128.64		128.77	0.005247	2.84	269.64	135.05	0.35
Chiq-2-Oso	26574	100-EV	23044.00	124.00	141.10		141.60	0.007548	5.68	4058.00	602.84	0.39
Chiq-2-Oso	26574	50-EV	20267.00	124.00	139.83		140.39	0.003848	5.98	3389.55	336.92	0.33
Chiq-2-Oso	26574	25-EV	16921.00	124.00	138.55		139.05	0.003749	5.69	2975.66	312.41	0.32
Chiq-2-Oso	26574	10-EV	7608.00	124.00	133.63		134.01	0.005781	4.94	1539.24	278.93	0.37
Chiq-2-Oso	26574	5-EV	2863.00	124.00	130.21		130.54	0.012891	4.56	628.09	225.13	0.48
Chiq-2-Oso	26574	2-EV	765.00	124.00	127.04		127.26	0.011452	3.75	204.10	81.17	0.42
Chiq-2-Oso	26377	100-EV	23044.00	122.01	140.13		140.75	0.002777	6.30	3655.86	517.31	0.42
Chiq-2-Oso	26377	50-EV	20267.00	122.01	139.12		139.73	0.002829	6.27	3231.28	376.10	0.38
Chiq-2-Oso	26377	25-EV	16921.00	122.01	137.86		138.42	0.002688	6.01	2817.70	273.84	0.33
Chiq-2-Oso	26377	10-EV	7608.00	122.01	132.82		133.21	0.003024	4.97	1530.69	237.44	0.35
Chiq-2-Oso	26377	5-EV	2863.00	122.01	129.25		129.48	0.002800	3.83	748.45	184.16	0.33
Chiq-2-Oso	26377	2-EV	765.00	122.01	126.05		126.15	0.003161	2.60	294.15	114.80	0.29
Chiq-2-Oso	26177	100-EV	23044.00	122.00	139.16		139.82	0.009167	6.53	3527.53	476.75	0.42
Chiq-2-Oso	26177	50-EV	20267.00	122.00	138.23		138.88	0.007128	6.48	3127.27	384.62	0.40
Chiq-2-Oso	26177	25-EV	16921.00	122.00	137.08		137.67	0.005581	6.19	2733.27	309.59	0.37
Chiq-2-Oso	26177	10-EV	7608.00	122.00	131.88		132.33	0.006886	5.35	1421.53	229.46	0.38
Chiq-2-Oso	26177	5-EV	2863.00	122.00	128.38		128.65	0.006841	4.16	688.68	163.40	0.36
Chiq-2-Oso	26177	2-EV	765.00	122.00	125.09		125.24	0.007113	3.10	247.16	104.12	0.35
Chiq-2-Oso	25976	100-EV	23044.00	120.04	137.99		138.66	0.003924	6.60	3489.59	416.43	0.40
Chiq-2-Oso	25976	50-EV	20267.00	120.04	137.23		137.85	0.003789	6.34	3194.87	371.28	0.38
Chiq-2-Oso	25976	25-EV	16921.00	120.04	136.22		136.77	0.003596	5.95	2842.01	327.99	0.36
Chiq-2-Oso	25976	10-EV	7608.00	120.04	130.83		131.23	0.004333	5.12	1485.59	227.87	0.35
Chiq-2-Oso	25976	5-EV	2863.00	120.04	127.36		127.59	0.004065	3.92	730.57	205.59	0.37
Chiq-2-Oso	25976	2-EV	765.00	120.04	124.08		124.22	0.003766	2.93	260.91	91.77	0.31
Chiq-2-Oso	25776	100-EV	23044.00	120.00	137.23		137.86	0.003965	6.35	3626.24	444.67	0.39
Chiq-2-Oso	25776	50-EV	20267.00	120.00	136.50		137.08	0.003800	6.10	3320.44	394.64	0.37
Chiq-2-Oso	25776	25-EV	16921.00	120.00	135.54		136.04	0.003516	5.70	2970.58	334.18	0.34
Chiq-2-Oso	25776	10-EV	7608.00	120.00	129.96		130.33	0.004537	4.89	1555.16	230.30	0.33

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	25776	5-EV	2863.00	120.00	126.54		126.74	0.004382	3.58	799.99	207.58	0.32
Chiq-2-Oso	25776	2-EV	765.00	120.00	123.08		123.22	0.006938	2.99	255.92	119.03	0.36
Chiq-2-Oso	25646	100-EV	23044.00	118.00	136.78		137.19	0.005511	5.16	4461.64	578.73	0.33
Chiq-2-Oso	25646	50-EV	20267.00	118.00	136.05		136.44	0.005307	5.00	4053.75	546.84	0.32
Chiq-2-Oso	25646	25-EV	16921.00	118.00	135.10		135.45	0.005023	4.75	3565.69	508.82	0.32
Chiq-2-Oso	25646	10-EV	7608.00	118.00	129.48		129.77	0.003738	4.33	1755.71	240.62	0.28
Chiq-2-Oso	25646	5-EV	2863.00	118.00	126.08		126.22	0.003371	2.95	972.12	219.79	0.25
Chiq-2-Oso	25646	2-EV	765.00	118.00	122.54		122.62	0.003114	2.20	347.62	121.55	0.23
Chiq-2-Oso	25346	100-EV	23044.00	118.00	134.89		135.41	0.006373	5.78	3987.48	482.56	0.35
Chiq-2-Oso	25346	50-EV	20267.00	118.00	134.23		134.70	0.006303	5.52	3673.29	474.59	0.35
Chiq-2-Oso	25346	25-EV	16921.00	118.00	133.35		133.77	0.006272	5.19	3261.64	463.42	0.34
Chiq-2-Oso	25346	10-EV	7608.00	118.00	128.24		128.56	0.004392	4.56	1668.32	243.14	0.31
Chiq-2-Oso	25346	5-EV	2863.00	118.00	125.01		125.16	0.003708	3.10	923.97	216.43	0.26
Chiq-2-Oso	25346	2-EV	765.00	118.00	121.64		121.71	0.002980	2.13	359.84	131.54	0.23
Chiq-2-Oso	25047	100-EV	23044.00	116.00	132.13		132.87	0.011508	6.91	3336.33	489.73	0.47
Chiq-2-Oso	25047	50-EV	20267.00	116.00	131.52		132.21	0.011331	6.65	3046.24	457.32	0.45
Chiq-2-Oso	25047	25-EV	16921.00	116.00	130.65		131.28	0.011280	6.35	2663.70	426.80	0.45
Chiq-2-Oso	25047	10-EV	7608.00	116.00	126.60		126.99	0.006301	5.00	1522.79	240.97	0.35
Chiq-2-Oso	25047	5-EV	2863.00	116.00	123.49		123.69	0.006685	3.57	802.96	220.95	0.33
Chiq-2-Oso	25047	2-EV	765.00	116.00	120.56		120.66	0.004090	2.60	294.66	100.68	0.27
Chiq-2-Oso	24746	100-EV	23044.00	116.00	129.11		129.83	0.008935	6.84	3444.57	528.69	0.44
Chiq-2-Oso	24746	50-EV	20267.00	116.00	128.55		129.21	0.008775	6.52	3155.31	507.16	0.43
Chiq-2-Oso	24746	25-EV	16921.00	116.00	127.74		128.32	0.008592	6.13	2761.30	435.06	0.42
Chiq-2-Oso	24746	10-EV	7608.00	116.00	124.23		124.65	0.009858	5.17	1472.25	321.96	0.43
Chiq-2-Oso	24746	5-EV	2863.00	116.00	121.19		121.46	0.008253	4.16	688.71	196.90	0.39
Chiq-2-Oso	24746	2-EV	765.00	116.00	118.14		118.38	0.018163	3.94	194.09	104.07	0.51
Chiq-2-Oso	24446	100-EV	23044.00	112.90	127.00	122.68	127.59	0.006151	6.39	3873.81	848.82	0.41
Chiq-2-Oso	24446	50-EV	20267.00	112.90	126.42	122.04	126.98	0.006235	6.16	3521.73	828.90	0.41
Chiq-2-Oso	24446	25-EV	16921.00	112.90	125.61	121.32	126.13	0.006205	5.91	3052.60	737.33	0.40
Chiq-2-Oso	24446	10-EV	7608.00	112.90	122.17	119.04	122.54	0.005213	4.89	1557.09	337.02	0.36
Chiq-2-Oso	24446	5-EV	2863.00	112.90	119.71	116.56	119.86	0.003579	3.11	919.50	247.07	0.28
Chiq-2-Oso	24446	2-EV	765.00	112.90	116.61	114.63	116.70	0.002593	2.41	316.85	119.11	0.26
Chiq-2-Oso	24146	100-EV	23044.00	112.00	125.44		125.93	0.004832	5.69	4310.89	838.14	0.36
Chiq-2-Oso	24146	50-EV	20267.00	112.00	124.79		125.26	0.005106	5.52	3801.46	747.37	0.36
Chiq-2-Oso	24146	25-EV	16921.00	112.00	123.91		124.35	0.005536	5.30	3192.88	500.34	0.37
Chiq-2-Oso	24146	10-EV	7608.00	112.00	120.48		120.80	0.006348	4.51	1687.65	374.56	0.37
Chiq-2-Oso	24146	5-EV	2863.00	112.00	118.08		118.26	0.008686	3.48	823.47	344.65	0.40
Chiq-2-Oso	24146	2-EV	765.00	112.00	115.48		115.62	0.005273	2.97	257.63	106.97	0.34
Chiq-2-Oso	23846	100-EV	23044.00	110.21	124.18	118.85	124.62	0.003863	5.37	4423.96	799.09	0.36
Chiq-2-Oso	23846	50-EV	20267.00	110.21	123.50	118.42	123.92	0.003881	5.24	3943.69	649.41	0.37
Chiq-2-Oso	23846	25-EV	16921.00	110.21	122.53	117.89	122.93	0.004008	5.10	3372.30	513.90	0.34
Chiq-2-Oso	23846	10-EV	7608.00	110.21	119.07	116.13	119.32	0.003837	3.97	1922.23	386.51	0.31
Chiq-2-Oso	23846	5-EV	2863.00	110.21	116.51	114.47	116.64	0.003619	2.90	988.02	351.97	0.30
Chiq-2-Oso	23846	2-EV	765.00	110.21	114.40	112.41	114.46	0.002860	2.01	381.42	242.37	0.28
Chiq-2-Oso	23546	100-EV	23044.00	110.12	122.59		123.22	0.005641	6.37	3788.34	714.92	0.38
Chiq-2-Oso	23546	50-EV	20267.00	110.12	121.93		122.51	0.005655	6.11	3350.67	540.24	0.38
Chiq-2-Oso	23546	25-EV	16921.00	110.12	121.01		121.52	0.005504	5.74	2948.05	384.51	0.37
Chiq-2-Oso	23546	10-EV	7608.00	110.12	117.56		117.88	0.006027	4.53	1678.96	355.00	0.37
Chiq-2-Oso	23546	5-EV	2863.00	110.12	114.92		115.12	0.007573	3.63	789.23	303.69	0.40
Chiq-2-Oso	23546	2-EV	765.00	110.12	112.81		112.95	0.010848	3.06	249.72	202.75	0.49
Chiq-2-Oso	23246	100-EV	23044.00	108.00	121.13		121.70	0.004419	6.10	4022.98	635.08	0.35
Chiq-2-Oso	23246	50-EV	20267.00	108.00	120.50		121.02	0.004269	5.81	3625.02	622.12	0.35
Chiq-2-Oso	23246	25-EV	16921.00	108.00	119.64		120.09	0.004058	5.41	3141.83	436.08	0.34
Chiq-2-Oso	23246	10-EV	7608.00	108.00	116.26		116.49	0.003550	3.91	1945.68	330.50	0.28
Chiq-2-Oso	23246	5-EV	2863.00	108.00	113.65		113.76	0.002914	2.60	1102.70	316.37	0.25
Chiq-2-Oso	23246	2-EV	765.00	108.00	111.61		111.65	0.002235	1.61	476.44	275.40	0.22
Chiq-2-Oso	22946	100-EV	23205.00	108.00	119.33		119.99	0.007627	6.54	3672.00	694.95	0.46
Chiq-2-Oso	22946	50-EV	20390.00	108.00	118.65		119.30	0.007965	6.52	3206.82	659.47	0.49
Chiq-2-Oso	22946	25-EV	17020.00	108.00	117.71		118.37	0.008455	6.55	2633.58	538.59	0.50
Chiq-2-Oso	22946	10-EV	7608.00	108.00	114.38		114.82	0.009611	5.37	1416.84	293.31	0.43
Chiq-2-Oso	22946	5-EV	2887.00	108.00	112.09		112.31	0.009209	3.74	771.10	272.88	0.39
Chiq-2-Oso	22946	2-EV	775.00	108.00	110.38		110.46	0.008857	2.37	327.26	241.86	0.36
Chiq-2-Oso	22646	100-EV	23205.00	106.00	117.42		118.02	0.005621	6.33	4023.62	657.26	0.36
Chiq-2-Oso	22646	50-EV	20390.00	106.00	116.76		117.31	0.005456	6.07	3615.01	584.50	0.35
Chiq-2-Oso	22646	25-EV	17020.00	106.00	115.81		116.32	0.005425	5.75	3075.72	538.57	0.35
Chiq-2-Oso	22646	10-EV	7608.00	106.00	112.21		112.52	0.006070	4.44	1714.39	331.22	0.34
Chiq-2-Oso	22646	5-EV	2887.00	106.00	109.58		109.76	0.007829	3.34	864.36	313.04	0.35
Chiq-2-Oso	22646	2-EV	775.00	106.00	107.97		108.03	0.007405	2.03	382.27	285.33	0.31
Chiq-2-Oso	22346	100-EV	23205.00	104.00	116.10	110.53	116.63	0.003783	5.93	4342.17	656.34	0.33

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	22346	50-EV	20390.00	104.00	115.49	110.05	115.96	0.003671	5.62	3968.23	593.50	0.32
Chiq-2-Oso	22346	25-EV	17020.00	104.00	114.53	109.44	114.96	0.003728	5.32	3403.92	583.30	0.32
Chiq-2-Oso	22346	10-EV	7608.00	104.00	110.80	107.39	111.06	0.003924	4.14	1838.06	324.78	0.31
Chiq-2-Oso	22346	5-EV	2887.00	104.00	107.78	105.91	107.94	0.004821	3.17	910.15	288.61	0.31
Chiq-2-Oso	22346	2-EV	775.00	104.00	105.56	104.85	105.65	0.008600	2.45	315.87	238.28	0.38
Chiq-2-Oso	22046	100-EV	23205.00	102.00	114.91	109.53	115.52	0.003540	6.49	4310.44	729.35	0.35
Chiq-2-Oso	22046	50-EV	20390.00	102.00	114.33	108.98	114.89	0.003399	6.17	3893.12	709.44	0.35
Chiq-2-Oso	22046	25-EV	17020.00	102.00	113.34	108.30	113.87	0.003465	5.91	3211.42	657.39	0.35
Chiq-2-Oso	22046	10-EV	7608.00	102.00	109.71	105.98	110.01	0.003108	4.41	1723.47	280.51	0.31
Chiq-2-Oso	22046	5-EV	2887.00	102.00	106.72	104.23	106.87	0.002732	3.10	931.51	246.55	0.28
Chiq-2-Oso	22046	2-EV	775.00	102.00	104.43	103.01	104.49	0.002182	1.88	412.19	203.34	0.23
Chiq-2-Oso	21746	100-EV	23205.00	100.10	113.50	108.94	114.21	0.005418	7.13	4069.80	767.53	0.39
Chiq-2-Oso	21746	50-EV	20390.00	100.10	112.97	108.40	113.63	0.005251	6.78	3667.37	750.44	0.38
Chiq-2-Oso	21746	25-EV	17020.00	100.10	111.81	107.71	112.50	0.006159	6.77	2839.27	612.09	0.40
Chiq-2-Oso	21746	10-EV	7608.00	100.10	108.29	105.40	108.71	0.006385	5.16	1474.25	261.16	0.38
Chiq-2-Oso	21746	5-EV	2887.00	100.10	105.35	103.65	105.59	0.007468	3.91	737.67	232.13	0.39
Chiq-2-Oso	21746	2-EV	775.00	100.10	103.12	102.44	103.25	0.010522	2.88	269.10	187.69	0.42
Chiq-2-Oso	21446	100-EV	23205.00	98.00	112.62	107.40	112.99	0.002715	5.09	5003.75	632.31	0.29
Chiq-2-Oso	21446	50-EV	20390.00	98.00	111.68	106.77	112.22	0.004015	5.90	3455.07	403.69	0.36
Chiq-2-Oso	21446	25-EV	17020.00	98.00	110.37	105.88	110.89	0.004435	5.80	2932.93	390.49	0.37
Chiq-2-Oso	21446	10-EV	7608.00	98.00	106.77	103.63	107.12	0.004353	4.74	1604.09	318.98	0.37
Chiq-2-Oso	21446	5-EV	2887.00	98.00	103.64	101.60	103.86	0.004542	3.78	764.76	246.82	0.38
Chiq-2-Oso	21446	2-EV	775.00	98.00	101.31	100.04	101.41	0.003959	2.56	302.48	159.68	0.33
Chiq-2-Oso	21146	100-EV	23205.00	98.00	111.54	105.75	111.98	0.004226	5.29	4385.49	499.38	0.31
Chiq-2-Oso	21146	50-EV	20390.00	98.00	110.51	105.21	110.94	0.004307	5.24	3888.58	466.45	0.32
Chiq-2-Oso	21146	25-EV	17020.00	98.00	109.00	104.38	109.43	0.005137	5.30	3209.02	437.24	0.35
Chiq-2-Oso	21146	10-EV	7608.00	98.00	105.18	101.82	105.52	0.006673	4.62	1646.51	349.29	0.38
Chiq-2-Oso	21146	5-EV	2887.00	98.00	102.36	100.14	102.53	0.004245	3.29	877.73	239.10	0.30
Chiq-2-Oso	21146	2-EV	775.00	98.00	100.01	98.95	100.09	0.004843	2.21	350.40	203.85	0.30
Chiq-2-Oso	20888	100-EV	23205.00	96.00	111.04	106.22	111.28	0.001621	3.99	5813.16	509.87	0.21
Chiq-2-Oso	20888	50-EV	20390.00	96.00	109.99	105.22	110.23	0.001688	3.86	5284.77	504.83	0.21
Chiq-2-Oso	20888	25-EV	17020.00	96.00	108.38	103.63	108.60	0.001942	3.80	4476.32	490.08	0.22
Chiq-2-Oso	20888	10-EV	7608.00	96.00	104.52	100.65	104.65	0.001805	2.83	2686.86	443.71	0.20
Chiq-2-Oso	20888	5-EV	2887.00	96.00	101.78	99.84	101.84	0.001699	1.93	1493.94	423.62	0.18
Chiq-2-Oso	20888	2-EV	775.00	96.00	99.54	98.57	99.57	0.001058	1.18	654.67	280.64	0.14
Chiq-2-Oso	20628	100-EV	23205.00	96.02	110.54	105.75	110.82	0.001906	4.25	5459.39	500.85	0.23
Chiq-2-Oso	20628	50-EV	20390.00	96.02	109.47	104.68	109.74	0.002042	4.14	4925.85	497.50	0.23
Chiq-2-Oso	20628	25-EV	17020.00	96.02	107.74	102.95	108.01	0.002623	4.18	4069.37	492.07	0.26
Chiq-2-Oso	20628	10-EV	7608.00	96.02	103.75	99.86	103.95	0.004233	3.57	2133.26	478.57	0.30
Chiq-2-Oso	20628	5-EV	2887.00	96.02	101.03	99.15	101.15	0.004429	2.81	1029.22	339.44	0.28
Chiq-2-Oso	20628	2-EV	775.00	96.02	99.01	98.06	99.06	0.004367	1.86	416.99	255.73	0.26
Chiq-2-Oso	20214	100-EV	23205.00	93.43	110.06	105.27	110.23	0.001001	3.32	6995.92	669.36	0.18
Chiq-2-Oso	20214	50-EV	20390.00	93.43	108.95	104.16	109.11	0.001074	3.26	6257.26	655.10	0.19
Chiq-2-Oso	20214	25-EV	17020.00	93.43	107.03	102.24	107.21	0.001403	3.38	5037.83	610.60	0.21
Chiq-2-Oso	20214	10-EV	7608.00	93.43	102.66	98.77	102.79	0.001938	2.89	2634.62	509.75	0.22
Chiq-2-Oso	20214	5-EV	2887.00	93.43	99.50	97.62	99.60	0.003204	2.62	1103.74	406.48	0.28
Chiq-2-Oso	20214	2-EV	775.00	93.43	97.40	95.52	97.45	0.003523	1.77	438.68	249.85	0.24
Chiq-2-Oso	19936	100-EV	23205.00	92.08	109.41	104.62	109.76	0.002558	5.01	5085.59	804.61	0.35
Chiq-2-Oso	19936	50-EV	20390.00	92.08	108.12	103.83	108.57	0.002956	5.64	4079.61	625.31	0.37
Chiq-2-Oso	19936	25-EV	17020.00	92.08	105.79	100.86	106.43	0.004622	6.63	2889.40	459.49	0.40
Chiq-2-Oso	19936	10-EV	7608.00	92.08	101.25	97.36	101.78	0.006186	5.85	1299.44	204.48	0.41
Chiq-2-Oso	19936	5-EV	2887.00	92.08	97.83	96.24	98.15	0.008784	4.56	632.67	184.62	0.43
Chiq-2-Oso	19936	2-EV	775.00	92.08	95.77	94.92	95.90	0.009674	2.85	271.52	165.70	0.39
Chiq-2-Oso	19803		Bridge									
Chiq-2-Oso	19802	100-EV	23238.00	90.60	106.37	101.58	107.24	0.005757	7.53	3263.10	515.18	0.40
Chiq-2-Oso	19802	50-EV	20427.00	90.60	105.62	100.73	106.42	0.005410	7.16	2908.24	397.36	0.38
Chiq-2-Oso	19802	25-EV	17036.00	90.60	104.46	99.57	105.16	0.005122	6.69	2545.47	254.33	0.37
Chiq-2-Oso	19802	10-EV	7608.00	90.60	100.41	96.52	100.77	0.003897	4.82	1578.30	224.24	0.32
Chiq-2-Oso	19802	5-EV	2850.00	90.60	96.74	94.86	96.94	0.004148	3.56	801.34	199.26	0.31
Chiq-2-Oso	19802	2-EV	776.00	90.60	94.26	92.38	94.35	0.004808	2.35	330.83	179.82	0.30
Chiq-2-Oso	19502	100-EV	23238.00	88.98	105.79	100.98	106.02	0.001848	3.88	6125.61	694.27	0.21
Chiq-2-Oso	19502	50-EV	20427.00	88.98	105.04	100.19	105.25	0.001832	3.68	5621.22	653.76	0.21
Chiq-2-Oso	19502	25-EV	17036.00	88.98	103.82	98.93	104.01	0.001942	3.52	4859.69	592.28	0.21
Chiq-2-Oso	19502	10-EV	7608.00	88.98	99.52	95.63	99.66	0.002900	2.96	2568.83	514.97	0.23
Chiq-2-Oso	19502	5-EV	2850.00	88.98	95.51	93.63	95.66	0.004178	3.11	917.30	278.51	0.30
Chiq-2-Oso	19502	2-EV	776.00	88.98	92.54	90.66	92.68	0.006359	2.99	259.12	135.68	0.38
Chiq-2-Oso	19051	100-EV	23238.00	85.16	104.34	99.53	104.78	0.004323	5.48	4624.92	627.95	0.31
Chiq-2-Oso	19051	50-EV	20427.00	85.16	103.56	97.09	103.98	0.004597	5.34	4139.59	619.01	0.31
Chiq-2-Oso	19051	25-EV	17036.00	85.16	102.20	96.21	102.65	0.005047	5.43	3329.31	558.58	0.33

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	19051	10-EV	7608.00	85.16	97.52	93.33	97.88	0.005471	4.84	1572.61	269.38	0.35
Chiq-2-Oso	19051	5-EV	2850.00	85.16	92.96	90.39	93.29	0.006747	4.59	620.40	173.46	0.43
Chiq-2-Oso	19051	2-EV	776.00	85.16	89.36	88.02	89.61	0.007296	3.95	196.41	76.37	0.43
Chiq-2-Oso	18639	100-EV	23238.00	83.82	102.27	94.39	102.88	0.004846	6.36	3921.58	466.79	0.34
Chiq-2-Oso	18639	50-EV	20427.00	83.82	101.60	93.68	102.13	0.004338	5.98	3626.19	414.54	0.32
Chiq-2-Oso	18639	25-EV	17036.00	83.82	100.27	92.76	100.77	0.004106	5.77	3104.91	369.27	0.32
Chiq-2-Oso	18639	10-EV	7608.00	83.82	96.03	89.54	96.29	0.002767	4.15	1835.32	218.11	0.25
Chiq-2-Oso	18639	5-EV	2850.00	83.82	91.57	87.18	91.71	0.002326	2.93	971.87	171.64	0.22
Chiq-2-Oso	18639	2-EV	776.00	83.82	88.24	85.53	88.29	0.001664	1.69	459.57	137.59	0.16
Chiq-2-Oso	18111	100-EV	23238.00	82.72	98.06		98.71	0.015072	6.43	3614.62	738.06	0.51
Chiq-2-Oso	18111	50-EV	20427.00	82.72	97.44		98.09	0.016785	6.46	3162.95	696.59	0.53
Chiq-2-Oso	18111	25-EV	17036.00	82.72	96.29		97.00	0.015105	6.76	2519.59	494.57	0.53
Chiq-2-Oso	18111	10-EV	7608.00	82.72	92.73		93.39	0.015134	6.50	1170.70	259.67	0.54
Chiq-2-Oso	18111	5-EV	2850.00	82.72	89.10		89.53	0.008915	5.23	544.47	130.26	0.45
Chiq-2-Oso	18111	2-EV	776.00	82.72	86.39		86.58	0.008575	3.45	225.05	106.18	0.42
Chiq-2-Oso	17706	100-EV	23238.00	79.52	94.91	90.06	95.54	0.004748	6.41	3875.57	695.37	0.39
Chiq-2-Oso	17706	50-EV	20427.00	79.52	94.27	89.54	94.85	0.004622	6.14	3454.87	609.30	0.38
Chiq-2-Oso	17706	25-EV	17036.00	79.52	92.08	88.86	92.84	0.007419	7.02	2426.11	388.78	0.50
Chiq-2-Oso	17706	10-EV	7608.00	79.52	88.73	86.27	89.24	0.007256	5.73	1327.43	278.92	0.46
Chiq-2-Oso	17706	5-EV	2850.00	79.52	85.43	83.83	85.84	0.009273	5.12	556.73	175.27	0.51
Chiq-2-Oso	17706	2-EV	776.00	79.52	82.91	81.93	83.12	0.008452	3.68	210.95	106.42	0.46
Chiq-2-Oso	17618	100-EV	23238.00	78.87	94.38	87.96	95.11	0.004891	6.94	3647.99	652.41	0.38
Chiq-2-Oso	17618	50-EV	20427.00	78.87	93.79	87.30	94.44	0.004552	6.55	3321.30	580.51	0.37
Chiq-2-Oso	17618	25-EV	17036.00	78.87	91.46	86.46	92.25	0.006120	7.14	2391.98	305.54	0.42
Chiq-2-Oso	17618	10-EV	7608.00	78.87	88.43	83.60	88.76	0.003360	4.61	1650.32	225.04	0.30
Chiq-2-Oso	17618	5-EV	2850.00	78.87	85.29	81.49	85.42	0.002034	2.87	994.39	192.83	0.22
Chiq-2-Oso	17618	2-EV	776.00	78.87	82.87	80.04	82.90	0.000851	1.40	555.36	168.72	0.14
Chiq-2-Oso	17514	100-EV	23238.00	78.31	93.99	89.47	94.53	0.005225	5.99	4216.39	878.32	0.36
Chiq-2-Oso	17514	50-EV	20427.00	78.31	93.39	89.05	93.90	0.005189	5.77	3761.97	824.33	0.36
Chiq-2-Oso	17514	25-EV	17036.00	78.31	90.46	88.50	91.35	0.012983	7.55	2255.23	398.61	0.56
Chiq-2-Oso	17514	10-EV	7608.00	78.31	87.14	85.71	88.00	0.021467	7.44	1023.04	315.69	0.73
Chiq-2-Oso	17514	5-EV	2850.00	78.31	84.37	83.22	84.92	0.015987	5.98	476.78	146.40	0.58
Chiq-2-Oso	17514	2-EV	776.00	78.31	82.50	81.36	82.67	0.009550	3.37	230.40	116.21	0.42
Chiq-2-Oso	17407	100-EV	31315.00	77.06	92.18	89.52	93.64	0.010153	9.81	3529.40	837.37	0.59
Chiq-2-Oso	17407	50-EV	28150.00	77.06	91.56	89.02	93.00	0.010387	9.66	3092.69	673.07	0.60
Chiq-2-Oso	17407	25-EV	17091.00	77.06	88.87	87.09	90.05	0.010862	8.70	1965.09	334.13	0.63
Chiq-2-Oso	17407	10-EV	7541.00	77.06	85.45	83.96	86.36	0.011309	7.64	986.43	216.58	0.63
Chiq-2-Oso	17407	5-EV	2801.00	77.06	82.15	81.77	82.97	0.020252	7.26	385.61	152.15	0.80
Chiq-2-Oso	17407	2-EV	871.00	77.06	79.76	79.76	80.60	0.044646	7.37	118.23	70.44	1.00
Chiq-2-Oso	17310	100-EV	31315.00	75.75	91.99	86.74	92.74	0.005227	7.11	4818.62	741.88	0.38
Chiq-2-Oso	17310	50-EV	28150.00	75.75	91.38	86.23	92.08	0.005199	6.86	4412.52	619.75	0.38
Chiq-2-Oso	17310	25-EV	17091.00	75.75	88.63	84.02	89.15	0.005136	5.82	3041.79	438.92	0.36
Chiq-2-Oso	17310	10-EV	7541.00	75.75	85.21	81.07	85.51	0.004619	4.41	1708.30	312.22	0.33
Chiq-2-Oso	17310	5-EV	2801.00	75.75	82.05	78.93	82.21	0.002685	3.16	885.24	206.58	0.27
Chiq-2-Oso	17310	2-EV	871.00	75.75	79.60	77.61	79.67	0.001692	1.99	438.35	160.49	0.21
Chiq-2-Oso	16902	100-EV	31315.00	74.69	89.97	84.95	90.72	0.004672	6.96	4548.89	705.63	0.45
Chiq-2-Oso	16902	50-EV	28150.00	74.69	89.31	84.47	90.05	0.004770	6.88	4107.14	633.50	0.46
Chiq-2-Oso	16902	25-EV	17091.00	74.69	86.66	82.55	87.24	0.004276	6.09	2805.41	389.64	0.40
Chiq-2-Oso	16902	10-EV	7541.00	74.69	83.66	80.47	83.95	0.003210	4.29	1756.24	323.22	0.32
Chiq-2-Oso	16902	5-EV	2801.00	74.69	80.89	78.59	81.03	0.003096	3.07	913.51	287.35	0.30
Chiq-2-Oso	16902	2-EV	871.00	74.69	78.44	77.00	78.55	0.005056	2.74	318.03	163.44	0.35
Chiq-2-Oso	16381	100-EV	31315.00	72.46	88.31	83.44	88.69	0.002985	4.94	6336.38	771.20	0.30
Chiq-2-Oso	16381	50-EV	28150.00	72.46	87.58	83.15	87.95	0.003129	4.87	5774.81	764.79	0.31
Chiq-2-Oso	16381	25-EV	17091.00	72.46	84.69	81.90	85.03	0.003942	4.71	3625.59	710.02	0.37
Chiq-2-Oso	16381	10-EV	7541.00	72.46	81.33	78.88	81.76	0.005680	5.25	1436.07	497.89	0.55
Chiq-2-Oso	16381	5-EV	2801.00	72.46	79.00	76.26	79.23	0.003882	3.84	728.95	202.81	0.36
Chiq-2-Oso	16381	2-EV	871.00	72.46	77.02	74.57	77.09	0.001768	2.18	399.56	131.44	0.22
Chiq-2-Oso	16031	100-EV	31315.00	71.92	87.31	80.99	87.66	0.002852	4.69	6670.58	865.68	0.30
Chiq-2-Oso	16031	50-EV	28150.00	71.92	86.51	80.57	86.86	0.003053	4.71	5981.87	854.01	0.31
Chiq-2-Oso	16031	25-EV	17091.00	71.92	83.29	78.89	83.65	0.003899	4.84	3533.80	583.29	0.35
Chiq-2-Oso	16031	10-EV	7541.00	71.92	79.23	76.96	79.57	0.006727	4.66	1619.05	390.30	0.40
Chiq-2-Oso	16031	5-EV	2801.00	71.92	76.30	75.70	76.62	0.019392	4.52	619.64	322.16	0.57
Chiq-2-Oso	16031	2-EV	871.00	71.92	74.84	74.84	75.21	0.070940	4.85	179.76	246.86	1.00
Chiq-2-Oso	15581	100-EV	31315.00	68.33	83.82	79.13	85.39	0.009578	10.04	3119.23	280.22	0.53
Chiq-2-Oso	15581	50-EV	28150.00	68.33	83.03	78.45	84.49	0.009693	9.71	2898.58	274.72	0.53
Chiq-2-Oso	15581	25-EV	17091.00	68.33	80.13	75.78	81.13	0.008250	7.99	2138.50	248.94	0.48
Chiq-2-Oso	15581	10-EV	7541.00	68.33	76.51	72.90	77.00	0.004872	5.60	1346.82	197.87	0.38
Chiq-2-Oso	15581	5-EV	2801.00	68.33	73.72	70.89	73.91	0.002845	3.41	822.00	179.50	0.28
Chiq-2-Oso	15581	2-EV	871.00	68.33	71.72	69.70	71.77	0.001480	1.83	475.28	166.23	0.19

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	15118	100-EV	31315.00	67.83	81.29	76.17	82.24	0.004256	7.83	4000.00	395.62	0.43
Chiq-2-Oso	15118	50-EV	28150.00	67.83	80.27	75.70	81.21	0.004680	7.81	3605.77	376.30	0.44
Chiq-2-Oso	15118	25-EV	17091.00	67.83	77.44	73.88	78.11	0.004773	6.58	2598.94	343.80	0.42
Chiq-2-Oso	15118	10-EV	7541.00	67.83	74.52	71.91	74.86	0.004093	4.63	1628.36	321.84	0.36
Chiq-2-Oso	15118	5-EV	2801.00	67.83	72.37	70.57	72.50	0.003128	2.94	951.78	305.84	0.29
Chiq-2-Oso	15118	2-EV	871.00	67.83	70.87	69.30	70.92	0.002382	1.74	501.62	293.78	0.23
Chiq-2-Oso	14486		Bridge									
Chiq-2-Oso	14485	100-EV	31315.00	61.96	79.72	71.18	80.67	0.000605	7.83	4005.64	291.21	0.35
Chiq-2-Oso	14485	50-EV	28150.00	61.96	78.54	70.57	79.44	0.000635	7.61	3700.36	259.23	0.35
Chiq-2-Oso	14485	25-EV	17091.00	61.96	73.87	68.21	74.57	0.000752	6.73	2540.35	239.38	0.36
Chiq-2-Oso	14485	10-EV	7541.00	61.96	68.75	65.64	69.22	0.001034	5.52	1367.01	217.93	0.39
Chiq-2-Oso	14485	5-EV	2801.00	61.96	65.38	63.89	65.66	0.001507	4.26	658.01	202.97	0.42
Chiq-2-Oso	14485	2-EV	871.00	61.96	63.60	62.85	63.73	0.001764	2.84	306.87	192.91	0.40
Chiq-2-Oso	14277	100-EV	31315.00	61.13	77.41	73.08	79.98	0.001970	12.86	2434.61	176.22	0.61
Chiq-2-Oso	14277	50-EV	28150.00	61.13	76.31	72.31	78.76	0.002041	12.55	2243.03	172.62	0.61
Chiq-2-Oso	14277	25-EV	17091.00	61.13	72.00	69.26	73.94	0.002422	11.17	1529.48	158.49	0.63
Chiq-2-Oso	14277	10-EV	7541.00	61.13	67.30	65.91	68.61	0.003310	9.19	820.31	143.08	0.68
Chiq-2-Oso	14277	5-EV	2801.00	61.13	64.18	63.63	64.98	0.004990	7.19	389.39	132.85	0.74
Chiq-2-Oso	14277	2-EV	871.00	61.13	62.33	62.28	62.86	0.010917	5.80	150.15	126.81	0.94
Chiq-2-Oso	14166	100-EV	31315.00	59.38	77.49	71.82	79.53	0.001450	11.48	2728.11	187.06	0.53
Chiq-2-Oso	14166	50-EV	28150.00	59.38	76.38	71.05	78.31	0.001487	11.16	2522.52	183.24	0.53
Chiq-2-Oso	14166	25-EV	17091.00	59.38	72.02	68.06	73.49	0.001647	9.73	1756.52	168.22	0.53
Chiq-2-Oso	14166	10-EV	7541.00	59.38	67.23	64.80	68.13	0.001900	7.61	991.16	151.74	0.52
Chiq-2-Oso	14166	5-EV	2801.00	59.38	64.02	62.56	64.47	0.002038	5.38	521.02	140.66	0.49
Chiq-2-Oso	14166	2-EV	871.00	59.38	62.04	61.25	62.23	0.002145	3.48	249.99	133.85	0.45
Chiq-2-Oso	13965		Bridge									
Chiq-2-Oso	13964	100-EV	31315.00	59.29	77.04	71.26	79.04	0.001433	11.37	2755.03	188.27	0.52
Chiq-2-Oso	13964	50-EV	28150.00	59.29	75.92	70.50	77.82	0.001490	11.05	2546.43	184.41	0.52
Chiq-2-Oso	13964	25-EV	17091.00	59.29	71.52	67.53	72.97	0.001776	9.66	1768.76	169.26	0.53
Chiq-2-Oso	13964	10-EV	7541.00	59.29	66.65	64.28	67.56	0.002316	7.65	985.66	152.49	0.53
Chiq-2-Oso	13964	5-EV	2801.00	59.29	63.38	62.06	63.86	0.002864	5.54	505.48	141.22	0.52
Chiq-2-Oso	13964	2-EV	871.00	59.29	61.22	60.75	61.49	0.005174	4.17	208.65	133.79	0.59
Chiq-2-Oso	13772	100-EV	31315.00	56.94	76.44	70.77	78.68	0.001550	12.03	2603.35	235.04	0.54
Chiq-2-Oso	13772	50-EV	28150.00	56.94	75.36	69.96	77.46	0.001594	11.62	2421.84	203.35	0.54
Chiq-2-Oso	13772	25-EV	17091.00	56.94	71.09	66.81	72.61	0.001745	9.89	1727.31	155.92	0.52
Chiq-2-Oso	13772	10-EV	7541.00	56.94	66.27	63.35	67.13	0.001921	7.45	1012.77	140.74	0.49
Chiq-2-Oso	13772	5-EV	2801.00	56.94	63.01	60.97	63.39	0.001735	4.91	570.69	130.46	0.41
Chiq-2-Oso	13772	2-EV	871.00	56.94	60.77	59.26	60.92	0.001627	3.04	286.67	123.41	0.35
Chiq-2-Oso	13595	100-EV	31315.00	57.59	75.67	70.85	78.28	0.001875	12.96	2417.17	213.20	0.59
Chiq-2-Oso	13595	50-EV	28150.00	57.59	74.61	70.02	77.05	0.001928	12.52	2248.43	202.46	0.59
Chiq-2-Oso	13595	25-EV	17091.00	57.59	70.41	66.80	72.19	0.002153	10.71	1595.71	148.96	0.58
Chiq-2-Oso	13595	10-EV	7541.00	57.59	65.65	63.26	66.69	0.002493	8.18	921.60	134.64	0.55
Chiq-2-Oso	13595	5-EV	2801.00	57.59	62.56	60.84	63.01	0.002244	5.39	520.07	125.34	0.47
Chiq-2-Oso	13595	2-EV	871.00	57.59	60.38	59.30	60.56	0.002329	3.44	253.46	118.75	0.41
Chiq-2-Oso	13428		Bridge									
Chiq-2-Oso	13427	100-EV	31315.00	55.69	64.93	67.22	73.01	0.012176	22.81	1372.92	183.90	1.47
Chiq-2-Oso	13427	50-EV	28150.00	55.69	64.46	66.53	71.89	0.012116	21.86	1287.66	182.02	1.45
Chiq-2-Oso	13427	25-EV	17091.00	55.69	62.71	63.84	67.49	0.011066	17.54	974.64	175.07	1.31
Chiq-2-Oso	13427	10-EV	7541.00	55.69	60.92	60.90	62.90	0.007373	11.27	669.17	167.40	0.99
Chiq-2-Oso	13427	5-EV	2801.00	55.69	58.99	58.86	59.96	0.008130	7.89	354.97	155.62	0.92
Chiq-2-Oso	13427	2-EV	871.00	55.69	57.93	57.60	58.24	0.005672	4.47	194.67	148.25	0.69
Chiq-2-Oso	13088	100-EV	31315.00	53.14	67.15	65.27	70.68	0.002936	15.07	2077.30	181.42	0.79
Chiq-2-Oso	13088	50-EV	28150.00	53.14	66.21	64.54	69.59	0.003111	14.75	1908.87	177.90	0.79
Chiq-2-Oso	13088	25-EV	17091.00	53.14	63.10	61.63	65.50	0.003314	12.45	1373.21	166.20	0.76
Chiq-2-Oso	13088	10-EV	7541.00	53.14	59.26	60.78	60.78	0.004348	9.87	763.88	151.79	0.78
Chiq-2-Oso	13088	5-EV	2801.00	53.14	56.59	57.47	57.47	0.006405	7.54	371.62	141.75	0.82
Chiq-2-Oso	13088	2-EV	871.00	53.14	54.77	54.77	55.39	0.012551	6.32	137.91	113.36	1.01
Oso-2-Ocean	12592	100-EV	32088.00	50.03	68.09	60.97	69.32	0.000778	8.92	3595.74	249.90	0.41
Oso-2-Ocean	12592	50-EV	28749.00	50.03	67.09	60.32	68.23	0.000785	8.59	3348.52	245.91	0.41
Oso-2-Ocean	12592	25-EV	17454.00	50.03	63.59	57.87	64.34	0.000731	6.95	2512.86	231.92	0.37
Oso-2-Ocean	12592	10-EV	7725.00	50.03	59.40	55.20	59.77	0.000654	4.90	1575.33	215.14	0.32
Oso-2-Ocean	12592	5-EV	3008.00	50.03	56.55	53.27	56.70	0.000470	3.07	979.45	203.76	0.25
Oso-2-Ocean	12592	2-EV	983.00	50.03	54.48	51.92	54.52	0.000269	1.72	571.35	184.60	0.17
Oso-2-Ocean	12293	100-EV	45346.00	50.16	63.58	63.14	68.42	0.004628	17.65	2569.47	239.08	0.95
Oso-2-Ocean	12293	50-EV	40722.00	50.16	62.67	62.38	67.32	0.004966	17.31	2352.71	235.42	0.97
Oso-2-Ocean	12293	25-EV	26010.00	50.16	59.77	59.68	63.46	0.005962	15.40	1688.65	223.85	0.99
Oso-2-Ocean	12293	10-EV	12404.00	50.16	56.89	56.60	59.02	0.006249	11.71	1059.28	212.31	0.92
Oso-2-Ocean	12293	5-EV	5619.00	50.16	54.94	54.94	56.09	0.006277	8.59	654.24	204.54	0.85

HEC-RAS Plan: NoPA45 (Continued)

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
Oso-2-Ocean	12293	2-EV	2249.00	50.16	53.46		54.07	0.006085	6.26	359.31	173.85	0.77
Oso-2-Ocean	11991	100-EV	45346.00	47.56	63.28		66.97	0.002988	15.41	2942.71	245.11	0.78
Oso-2-Ocean	11991	50-EV	40722.00	47.56	62.25		65.80	0.003212	15.13	2692.22	240.99	0.80
Oso-2-Ocean	11991	25-EV	26010.00	47.56	58.77		61.75	0.004212	13.84	1879.11	227.09	0.85
Oso-2-Ocean	11991	10-EV	12404.00	47.56	55.26	54.77	57.21	0.005424	11.21	1106.26	213.04	0.87
Oso-2-Ocean	11991	5-EV	5619.00	47.56	53.19		54.27	0.005704	8.34	673.66	204.76	0.81
Oso-2-Ocean	11991	2-EV	2249.00	47.56	51.70		52.26	0.005830	6.01	374.49	186.56	0.75
Oso-2-Ocean	11618	100-EV	45346.00	45.04	62.29	59.70	65.93	0.002520	15.29	2965.45	226.18	0.74
Oso-2-Ocean	11618	50-EV	40722.00	45.04	61.21	58.87	64.69	0.002673	14.96	2722.59	221.85	0.75
Oso-2-Ocean	11618	25-EV	26010.00	45.04	57.45	55.95	60.31	0.003387	13.57	1916.23	206.80	0.79
Oso-2-Ocean	11618	10-EV	12404.00	45.04	53.29	52.60	55.30	0.004830	11.37	1090.65	190.16	0.84
Oso-2-Ocean	11618	5-EV	5619.00	45.04	50.76	50.40	52.02	0.006235	9.02	623.14	180.05	0.85
Oso-2-Ocean	11618	2-EV	2249.00	45.04	49.07	48.82	49.80	0.007387	6.84	328.70	160.88	0.84
Oso-2-Ocean	11317	100-EV	45346.00	43.62	58.68	58.64	64.68	0.004696	19.65	2308.20	192.89	1.00
Oso-2-Ocean	11317	50-EV	40722.00	43.62	57.86	57.74	63.43	0.004741	18.93	2151.63	189.62	0.99
Oso-2-Ocean	11317	25-EV	26010.00	43.62	54.90	54.53	58.97	0.004940	16.18	1607.26	177.76	0.95
Oso-2-Ocean	11317	10-EV	12404.00	43.62	51.29		53.72	0.005373	12.50	992.03	163.33	0.89
Oso-2-Ocean	11317	5-EV	5619.00	43.62	48.75		50.16	0.006068	9.54	589.18	153.15	0.86
Oso-2-Ocean	11317	2-EV	2249.00	43.62	46.81		47.64	0.006934	7.29	308.31	130.78	0.84
Oso-2-Ocean	11017	100-EV	45346.00	40.61	58.49		63.14	0.003131	17.30	2621.54	199.31	0.84
Oso-2-Ocean	11017	50-EV	40722.00	40.61	57.60		61.91	0.003151	16.65	2445.56	195.75	0.83
Oso-2-Ocean	11017	25-EV	26010.00	40.61	54.40		57.50	0.003201	14.14	1839.40	182.94	0.79
Oso-2-Ocean	11017	10-EV	12404.00	40.61	50.53		52.30	0.003211	10.67	1162.40	167.49	0.71
Oso-2-Ocean	11017	5-EV	5619.00	40.61	47.79		48.74	0.003172	7.82	718.13	156.52	0.64
Oso-2-Ocean	11017	2-EV	2249.00	40.61	45.75		46.22	0.002994	5.50	408.96	141.00	0.57
Oso-2-Ocean	10717	100-EV	45346.00	40.47	57.67	55.90	62.18	0.002983	17.03	2662.84	200.85	0.82
Oso-2-Ocean	10717	50-EV	40722.00	40.47	56.76	54.99	60.95	0.003013	16.41	2481.20	197.20	0.82
Oso-2-Ocean	10717	25-EV	26010.00	40.47	53.50	51.79	56.54	0.003099	13.99	1858.99	184.15	0.78
Oso-2-Ocean	10717	10-EV	12404.00	40.47	49.60	48.08	51.34	0.003131	10.58	1172.09	168.57	0.71
Oso-2-Ocean	10717	5-EV	5619.00	40.47	46.87	45.61	47.80	0.003056	7.73	726.81	157.65	0.63
Oso-2-Ocean	10717	2-EV	2249.00	40.47	44.89	43.84	45.33	0.002901	5.33	421.89	148.89	0.56
Oso-2-Ocean	10417	100-EV	45346.00	39.73	55.53	54.98	60.97	0.004840	18.70	2425.27	197.09	0.94
Oso-2-Ocean	10417	50-EV	40722.00	39.73	54.70	54.09	59.73	0.004818	18.00	2262.81	193.77	0.93
Oso-2-Ocean	10417	25-EV	26010.00	39.73	51.67	50.89	55.34	0.004769	15.35	1694.58	181.66	0.89
Oso-2-Ocean	10417	10-EV	12404.00	39.73	48.02	47.20	50.16	0.004717	11.72	1058.02	167.06	0.82
Oso-2-Ocean	10417	5-EV	5619.00	39.73	45.49	44.75	46.66	0.004622	8.68	647.36	156.92	0.75
Oso-2-Ocean	10417	2-EV	2249.00	39.73	43.69	42.94	44.26	0.004384	6.06	371.00	147.32	0.67
Oso-2-Ocean	10117	100-EV	45346.00	39.01	54.28	53.60	59.64	0.003931	18.56	2443.50	196.90	0.93
Oso-2-Ocean	10117	50-EV	40722.00	39.01	53.45	52.68	58.41	0.003949	17.85	2281.05	193.57	0.92
Oso-2-Ocean	10117	25-EV	26010.00	39.01	50.39		54.00	0.004089	15.24	1706.64	181.31	0.88
Oso-2-Ocean	10117	10-EV	12404.00	39.01	46.68		48.80	0.004325	11.68	1062.00	166.48	0.82
Oso-2-Ocean	10117	5-EV	5619.00	39.01	44.04		45.25	0.004741	8.83	636.18	155.92	0.77
Oso-2-Ocean	10117	2-EV	2249.00	39.01	42.10		42.77	0.005556	6.57	342.49	143.93	0.75
Oso-2-Ocean	9817	100-EV	45346.00	37.04	53.72	52.14	58.37	0.003141	17.31	2620.20	199.44	0.84
Oso-2-Ocean	9817	50-EV	40722.00	37.04	52.86	51.24	57.15	0.003137	16.62	2450.27	196.00	0.83
Oso-2-Ocean	9817	25-EV	26010.00	37.04	49.69	48.02	52.77	0.003153	14.07	1849.22	183.33	0.78
Oso-2-Ocean	9817	10-EV	12404.00	37.04	45.87	44.29	47.59	0.003082	10.53	1177.87	168.04	0.70
Oso-2-Ocean	9817	5-EV	5619.00	37.04	43.14	41.82	44.05	0.002952	7.65	734.50	157.13	0.62
Oso-2-Ocean	9817	2-EV	2249.00	37.04	41.12	40.04	41.56	0.002769	5.28	425.55	146.71	0.55
Oso-2-Ocean	9517	100-EV	45346.00	36.20	52.16	51.25	57.31	0.003694	18.20	2491.42	198.00	0.90
Oso-2-Ocean	9517	50-EV	40722.00	36.20	51.33		56.08	0.003694	17.48	2329.22	194.69	0.89
Oso-2-Ocean	9517	25-EV	26010.00	36.20	48.34		51.72	0.003669	14.74	1765.05	182.73	0.84
Oso-2-Ocean	9517	10-EV	12404.00	36.20	44.68		46.58	0.003606	11.05	1123.04	168.09	0.75
Oso-2-Ocean	9517	5-EV	5619.00	36.20	42.08		43.08	0.003480	8.04	699.07	157.68	0.67
Oso-2-Ocean	9517	2-EV	2249.00	36.20	40.11		40.61	0.003572	5.67	396.54	149.06	0.61
Oso-2-Ocean	9205	100-EV	45607.00	35.29	50.90	50.10	56.14	0.003771	18.36	2484.20	240.19	0.91
Oso-2-Ocean	9205	50-EV	40948.00	35.29	49.96	49.20	54.89	0.003892	17.81	2299.43	210.78	0.91
Oso-2-Ocean	9205	25-EV	26165.00	35.29	46.61	45.99	50.42	0.004429	15.66	1671.01	180.80	0.91
Oso-2-Ocean	9205	10-EV	12500.00	35.29	42.70	42.28	45.15	0.005441	12.57	994.49	165.15	0.90
Oso-2-Ocean	9205	5-EV	5676.00	35.29	40.15	39.82	41.60	0.006343	9.69	585.85	154.94	0.88
Oso-2-Ocean	9205	2-EV	2279.00	35.29	38.56	38.06	39.24	0.005422	6.57	346.89	143.10	0.74
Oso-2-Ocean	9085	100-EV	45607.00	34.68	50.72	49.36	55.54	0.004031	17.62	2588.92	199.16	0.86
Oso-2-Ocean	9085	50-EV	40948.00	34.68	49.76	48.46	54.28	0.004093	17.07	2398.80	195.30	0.86
Oso-2-Ocean	9085	25-EV	26165.00	34.68	46.31	45.24	49.79	0.004388	14.96	1749.23	181.51	0.85
Oso-2-Ocean	9085	10-EV	12500.00	34.68	42.20	41.50	44.46	0.005106	12.05	1037.48	165.09	0.85
Oso-2-Ocean	9085	5-EV	5676.00	34.68	39.36	39.03	40.83	0.006539	9.70	585.02	153.73	0.88
Oso-2-Ocean	9085	2-EV	2279.00	34.68	37.29	37.29	38.32	0.010352	8.12	280.54	136.33	1.00
Oso-2-Ocean	8985	100-EV	45607.00	33.38	50.81	48.44	54.99	0.003246	16.40	2780.53	201.12	0.78
Oso-2-Ocean	8985	50-EV	40948.00	33.38	49.84	47.52	53.73	0.003252	15.83	2587.01	197.23	0.77

HEC-RAS Plan: NoPA45 (Continued)

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
Oso-2-Ocean	8985	25-EV	26165.00	33.38	46.36	44.27	49.23	0.003258	13.59	1925.57	183.33	0.74
Oso-2-Ocean	8985	10-EV	12500.00	33.38	42.20	40.50	43.89	0.003245	10.44	1196.81	166.67	0.69
Oso-2-Ocean	8985	5-EV	5676.00	33.38	39.28	37.99	40.23	0.003231	7.80	727.53	155.00	0.63
Oso-2-Ocean	8985	2-EV	2279.00	33.38	37.15	36.16	37.64	0.003100	5.56	409.71	140.53	0.57
Oso-2-Ocean	8910	100-EV	45607.00	33.09	50.40	48.28	54.73	0.003373	16.69	2731.89	227.41	0.80
Oso-2-Ocean	8910	50-EV	40948.00	33.09	49.43	47.36	53.47	0.003390	16.13	2538.96	196.78	0.79
Oso-2-Ocean	8910	25-EV	26165.00	33.09	45.96	44.12	48.97	0.003447	13.91	1880.81	182.91	0.76
Oso-2-Ocean	8910	10-EV	12500.00	33.09	41.81	40.37	43.63	0.003552	10.81	1156.61	166.33	0.72
Oso-2-Ocean	8910	5-EV	5676.00	33.09	38.90	37.87	39.95	0.003773	8.23	689.35	154.68	0.69
Oso-2-Ocean	8910	2-EV	2279.00	33.09	36.78	36.08	37.36	0.004111	6.10	373.55	139.78	0.66
Oso-2-Ocean	8610	100-EV	45607.00	31.35	49.65	47.01	53.67	0.003064	16.09	2834.46	281.89	0.76
Oso-2-Ocean	8610	50-EV	40948.00	31.35	48.67	46.10	52.41	0.003066	15.52	2637.77	273.27	0.75
Oso-2-Ocean	8610	25-EV	26165.00	31.35	45.17	42.86	47.92	0.003048	13.30	1967.92	236.55	0.72
Oso-2-Ocean	8610	10-EV	12500.00	31.35	40.99	39.09	42.59	0.002970	10.15	1231.15	167.83	0.66
Oso-2-Ocean	8610	5-EV	5676.00	31.35	38.03	36.59	38.91	0.002912	7.55	751.72	155.99	0.61
Oso-2-Ocean	8610	2-EV	2279.00	31.35	35.82	34.82	36.28	0.002986	5.45	418.02	143.85	0.56
Oso-2-Ocean	8307	100-EV	45707.00	30.12	48.92	45.86	52.71	0.002816	15.62	2925.61	487.80	0.73
Oso-2-Ocean	8307	50-EV	41038.00	30.12	47.94	44.94	51.46	0.002806	15.05	2726.44	406.48	0.72
Oso-2-Ocean	8307	25-EV	26234.00	30.12	44.44	41.70	46.98	0.002723	12.80	2050.04	186.48	0.68
Oso-2-Ocean	8307	10-EV	12542.00	30.12	40.30	37.94	41.72	0.002471	9.56	1311.89	169.91	0.61
Oso-2-Ocean	8307	5-EV	5703.00	30.12	37.39	35.44	38.12	0.002119	6.83	835.25	158.29	0.52
Oso-2-Ocean	8307	2-EV	2293.00	30.12	35.25	33.54	35.57	0.001709	4.54	504.66	148.89	0.44
Oso-2-Ocean	8041	100-EV	45707.00	30.32	45.68	45.60	51.57	0.004537	19.46	2348.33	326.70	0.99
Oso-2-Ocean	8041	50-EV	41038.00	30.32	44.85	44.69	50.32	0.004593	18.77	2186.88	265.36	0.98
Oso-2-Ocean	8041	25-EV	26234.00	30.32	41.83	41.49	45.88	0.004881	16.15	1624.60	180.29	0.95
Oso-2-Ocean	8041	10-EV	12542.00	30.32	38.12	37.80	40.65	0.005711	12.77	982.16	165.42	0.92
Oso-2-Ocean	8041	5-EV	5703.00	30.32	35.57	35.34	37.10	0.006881	9.95	573.37	155.22	0.91
Oso-2-Ocean	8041	2-EV	2293.00	30.32	33.66	33.55	34.63	0.008777	7.88	290.84	131.03	0.93
Oso-2-Ocean	7746	100-EV	45707.00	28.87	45.51	43.82	50.12	0.002935	17.21	2655.99	199.74	0.83
Oso-2-Ocean	7746	50-EV	41038.00	28.87	44.63	42.90	48.88	0.002938	16.54	2481.28	196.21	0.82
Oso-2-Ocean	7746	25-EV	26234.00	28.87	41.44	39.67	44.48	0.002942	13.99	1874.87	183.43	0.77
Oso-2-Ocean	7746	10-EV	12542.00	28.87	37.45	35.92	39.22	0.003031	10.66	1176.03	167.50	0.71
Oso-2-Ocean	7746	5-EV	5703.00	28.87	34.71	33.43	35.65	0.002953	7.80	730.98	156.51	0.64
Oso-2-Ocean	7746	2-EV	2293.00	28.87	32.71	31.61	33.16	0.002676	5.37	427.38	144.81	0.55
Oso-2-Ocean	7417	100-EV	45707.00	28.34	42.80	42.80	48.80	0.004495	19.64	2327.15	239.80	1.00
Oso-2-Ocean	7417	50-EV	41038.00	28.34	41.89	41.89	47.55	0.004653	19.07	2152.03	202.02	1.00
Oso-2-Ocean	7417	25-EV	26234.00	28.34	38.68	38.68	43.07	0.005335	16.81	1561.04	177.65	1.00
Oso-2-Ocean	7417	10-EV	12542.00	28.34	35.28	34.96	37.83	0.005527	12.80	979.56	164.04	0.92
Oso-2-Ocean	7417	5-EV	5703.00	28.34	32.91	32.49	34.30	0.005616	9.47	602.07	154.56	0.85
Oso-2-Ocean	7417	2-EV	2293.00	28.34	31.19	30.81	31.89	0.005818	6.70	342.21	146.49	0.77
Oso-2-Ocean	7118	100-EV	45707.00	25.87	40.39	41.16	47.23	0.005475	20.99	2177.82	194.44	1.10
Oso-2-Ocean	7118	50-EV	41038.00	25.87	39.59	40.25	45.96	0.005553	20.25	2026.97	187.76	1.09
Oso-2-Ocean	7118	25-EV	26234.00	25.87	37.43	37.03	41.45	0.004561	16.08	1631.02	179.12	0.94
Oso-2-Ocean	7118	10-EV	12542.00	25.87	33.91	33.31	36.24	0.004679	12.22	1025.95	165.06	0.86
Oso-2-Ocean	7118	5-EV	5703.00	25.87	31.39	30.84	32.70	0.004955	9.16	622.39	154.97	0.81
Oso-2-Ocean	7118	2-EV	2293.00	25.87	29.53	29.06	30.23	0.005276	6.67	343.60	140.30	0.75
Oso-2-Ocean	6817	100-EV	45707.00	24.71	40.58	39.66	45.73	0.003299	18.21	2510.09	394.41	0.90
Oso-2-Ocean	6817	50-EV	41038.00	24.71	39.73	38.74	44.50	0.003309	17.51	2343.49	358.39	0.89
Oso-2-Ocean	6817	25-EV	26234.00	24.71	36.69	35.54	40.11	0.003317	14.82	1770.12	182.65	0.84
Oso-2-Ocean	6817	10-EV	12542.00	24.71	33.05	31.82	34.96	0.003222	11.09	1130.65	168.06	0.75
Oso-2-Ocean	6817	5-EV	5703.00	24.71	30.43	29.35	31.45	0.003098	8.08	705.53	157.62	0.67
Oso-2-Ocean	6817	2-EV	2293.00	24.71	28.52	27.66	29.00	0.002961	5.58	410.77	149.90	0.59
Oso-2-Ocean	6517	100-EV	45707.00	23.72	39.69	38.61	44.67	0.003415	17.91	2551.36	592.04	0.89
Oso-2-Ocean	6517	50-EV	41038.00	23.72	38.80	37.71	43.44	0.003457	17.27	2375.65	567.26	0.88
Oso-2-Ocean	6517	25-EV	26234.00	23.72	35.67	34.54	39.06	0.003594	14.78	1775.55	219.42	0.84
Oso-2-Ocean	6517	10-EV	12542.00	23.72	31.94	30.86	33.91	0.003711	11.26	1114.26	170.13	0.78
Oso-2-Ocean	6517	5-EV	5703.00	23.72	29.38	28.42	30.44	0.003657	8.25	690.87	159.87	0.70
Oso-2-Ocean	6517	2-EV	2293.00	23.72	27.55	26.78	28.05	0.003420	5.66	405.19	152.55	0.61
Oso-2-Ocean	6217	100-EV	45707.00	22.81	38.98	37.45	43.59	0.003082	17.21	2656.14	401.02	0.84
Oso-2-Ocean	6217	50-EV	41038.00	22.81	38.05	36.54	42.35	0.003144	16.63	2467.46	384.17	0.84
Oso-2-Ocean	6217	25-EV	26234.00	22.81	34.75	33.39	37.96	0.003376	14.37	1825.81	245.52	0.81
Oso-2-Ocean	6217	10-EV	12542.00	22.81	30.85	29.76	32.79	0.003721	11.17	1123.16	172.24	0.77
Oso-2-Ocean	6217	5-EV	5703.00	22.81	28.12	27.34	29.26	0.004204	8.54	668.14	161.33	0.74
Oso-2-Ocean	6217	2-EV	2293.00	22.81	26.20	25.72	26.81	0.004944	6.27	365.78	153.65	0.72
Oso-2-Ocean	5917	100-EV	45707.00	21.95	38.83	35.97	42.55	0.002177	15.48	2952.77	415.94	0.73
Oso-2-Ocean	5917	50-EV	41038.00	21.95	37.84	35.08	41.32	0.002218	14.96	2743.08	400.25	0.73
Oso-2-Ocean	5917	25-EV	26234.00	21.95	34.36	31.96	36.93	0.002339	12.87	2038.44	336.53	0.70
Oso-2-Ocean	5917	10-EV	12542.00	21.95	30.26	28.34	31.76	0.002441	9.85	1272.93	177.88	0.65
Oso-2-Ocean	5917	5-EV	5703.00	21.95	27.37	25.94	28.20	0.002527	7.34	776.46	165.65	0.60
Oso-2-Ocean	5917	2-EV	2293.00	21.95	25.24	24.33	25.68	0.002755	5.28	434.33	156.66	0.56

HEC-RAS Plan: NoPA45 (Continued)

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
Oso-2-Ocean	5617	100-EV	45707.00	20.93	38.47	34.86	41.83	0.001878	14.70	3108.96	506.07	0.68
Oso-2-Ocean	5617	50-EV	41038.00	20.93	37.47	33.97	40.59	0.001901	14.18	2894.01	455.86	0.68
Oso-2-Ocean	5617	25-EV	26234.00	20.93	33.93	30.86	36.20	0.001948	12.09	2170.62	284.81	0.64
Oso-2-Ocean	5617	10-EV	12542.00	20.93	29.77	27.26	31.05	0.001902	9.06	1384.01	180.90	0.58
Oso-2-Ocean	5617	5-EV	5703.00	20.93	26.86	24.88	27.52	0.001756	6.52	874.28	169.25	0.51
Oso-2-Ocean	5617	2-EV	2293.00	20.93	24.73	23.28	25.03	0.001534	4.39	522.87	160.73	0.43
Oso-2-Ocean	5248	100-EV	45707.00	19.58	37.80	34.23	41.10	0.001936	14.56	3139.80	220.97	0.68
Oso-2-Ocean	5248	50-EV	41038.00	19.58	36.77	33.37	39.85	0.001979	14.08	2914.31	216.85	0.68
Oso-2-Ocean	5248	25-EV	26234.00	19.58	33.10	30.32	35.43	0.002160	12.23	2144.94	202.16	0.66
Oso-2-Ocean	5248	10-EV	12542.00	19.58	28.79	26.82	30.22	0.002429	9.57	1311.16	184.93	0.63
Oso-2-Ocean	5248	5-EV	5703.00	19.58	25.89	24.49	26.70	0.002619	7.21	790.95	173.31	0.60
Oso-2-Ocean	5248	2-EV	2293.00	19.58	23.88	22.89	24.28	0.002603	5.08	451.29	162.91	0.54
Oso-2-Ocean	5048		Bridge									
Oso-2-Ocean	5036	100-EV	45707.00	17.96	34.12	32.62	38.64	0.002978	17.06	2679.91	273.29	0.84
Oso-2-Ocean	5036	50-EV	41038.00	17.96	33.28	31.75	37.45	0.002975	16.38	2505.60	267.31	0.83
Oso-2-Ocean	5036	25-EV	26234.00	17.96	30.18	28.66	33.20	0.003047	13.94	1881.76	243.90	0.79
Oso-2-Ocean	5036	10-EV	12542.00	17.96	26.51	25.13	28.22	0.003048	10.51	1192.88	180.10	0.72
Oso-2-Ocean	5036	5-EV	5703.00	17.96	23.91	22.78	24.84	0.003007	7.71	739.41	169.73	0.65
Oso-2-Ocean	5036	2-EV	2293.00	17.96	22.01	21.19	22.46	0.002994	5.39	425.04	160.56	0.58
Oso-2-Ocean	4855	100-EV	45707.00	17.51	33.69	31.89	37.99	0.002939	16.63	2749.29	277.80	0.82
Oso-2-Ocean	4855	50-EV	41038.00	17.51	32.85	31.02	36.81	0.002932	15.96	2571.93	266.70	0.80
Oso-2-Ocean	4855	25-EV	26234.00	17.51	29.71	27.96	32.57	0.002996	13.57	1933.70	218.53	0.76
Oso-2-Ocean	4855	10-EV	12542.00	17.51	26.02	24.44	27.62	0.002937	10.16	1233.98	182.08	0.69
Oso-2-Ocean	4855	5-EV	5703.00	17.51	23.43	22.10	24.27	0.002759	7.34	776.69	171.74	0.61
Oso-2-Ocean	4855	2-EV	2293.00	17.51	21.55	20.52	21.94	0.002493	4.98	460.42	164.20	0.52
Oso-2-Ocean	4555	100-EV	45707.00	17.04	31.03	31.03	36.75	0.004744	19.17	2383.81	442.47	1.00
Oso-2-Ocean	4555	50-EV	41038.00	17.04	30.18	30.18	35.55	0.004902	18.60	2206.60	415.63	1.00
Oso-2-Ocean	4555	25-EV	26234.00	17.04	27.40	27.15	31.32	0.005099	15.88	1652.26	291.52	0.96
Oso-2-Ocean	4555	10-EV	12542.00	17.04	24.09	23.68	26.39	0.005403	12.16	1031.48	180.83	0.90
Oso-2-Ocean	4555	5-EV	5703.00	17.04	21.82	21.38	23.09	0.005597	9.04	631.16	171.75	0.83
Oso-2-Ocean	4555	2-EV	2293.00	17.04	20.28	19.84	20.87	0.005233	6.18	370.82	165.57	0.73
Oso-2-Ocean	4255	100-EV	45707.00	14.96	30.30	29.37	35.19	0.003756	17.74	2576.97	397.50	0.90
Oso-2-Ocean	4255	50-EV	41038.00	14.96	29.45	28.52	34.00	0.003814	17.11	2398.25	388.12	0.89
Oso-2-Ocean	4255	25-EV	26234.00	14.96	26.48	25.49	29.80	0.003950	14.60	1797.29	333.28	0.85
Oso-2-Ocean	4255	10-EV	12542.00	14.96	22.88	22.01	24.85	0.004273	11.26	1114.22	182.47	0.80
Oso-2-Ocean	4255	5-EV	5703.00	14.96	20.32	19.72	21.48	0.004911	8.64	660.31	172.23	0.78
Oso-2-Ocean	4255	2-EV	2293.00	14.96	18.43	18.11	19.12	0.006439	6.66	344.20	158.70	0.80
Oso-2-Ocean	3955	100-EV	45707.00	13.95	30.05	27.72	33.96	0.002603	15.88	2878.48	434.36	0.77
Oso-2-Ocean	3955	50-EV	41038.00	13.95	29.15	26.86	32.78	0.002618	15.28	2685.85	421.46	0.76
Oso-2-Ocean	3955	25-EV	26234.00	13.95	26.06	23.83	28.62	0.002581	12.85	2042.06	336.06	0.71
Oso-2-Ocean	3955	10-EV	12542.00	13.95	22.32	20.35	23.73	0.002443	9.52	1317.11	186.74	0.63
Oso-2-Ocean	3955	5-EV	5703.00	13.95	19.68	18.05	20.40	0.002225	6.82	836.76	176.15	0.55
Oso-2-Ocean	3955	2-EV	2293.00	13.95	17.66	16.45	18.00	0.002100	4.69	489.43	168.08	0.48
Oso-2-Ocean	3655	100-EV	45934.00	13.31	27.75	27.17	32.87	0.004199	18.14	2532.53	337.32	0.93
Oso-2-Ocean	3655	50-EV	41237.00	13.31	27.00	26.32	31.70	0.004183	17.39	2370.96	329.47	0.92
Oso-2-Ocean	3655	25-EV	26399.00	13.31	24.12	23.34	27.55	0.004341	14.84	1778.45	227.00	0.88
Oso-2-Ocean	3655	10-EV	12644.00	13.31	20.69	19.91	22.69	0.004560	11.34	1114.57	186.70	0.82
Oso-2-Ocean	3655	5-EV	5769.00	13.31	18.26	17.58	19.40	0.004852	8.57	673.10	174.43	0.77
Oso-2-Ocean	3655	2-EV	2330.00	13.31	16.47	15.91	17.06	0.004739	6.18	377.32	155.12	0.70
Oso-2-Ocean	3355	100-EV	45934.00	11.94	27.20	25.64	31.55	0.003148	16.75	2743.03	386.93	0.83
Oso-2-Ocean	3355	50-EV	41237.00	11.94	26.42	24.80	30.41	0.003114	16.02	2573.33	364.04	0.82
Oso-2-Ocean	3355	25-EV	26399.00	11.94	23.40	21.83	26.28	0.003178	13.62	1938.64	320.94	0.78
Oso-2-Ocean	3355	10-EV	12644.00	11.94	19.83	18.41	21.45	0.003139	10.22	1236.80	189.72	0.71
Oso-2-Ocean	3355	5-EV	5769.00	11.94	17.32	16.15	18.18	0.003051	7.47	772.59	179.67	0.63
Oso-2-Ocean	3355	2-EV	2330.00	11.94	15.52	14.57	15.93	0.002817	5.10	456.53	172.49	0.55
Oso-2-Ocean	3055	100-EV	45934.00	10.65	26.34	24.70	30.59	0.003063	16.52	2779.95	363.47	0.82
Oso-2-Ocean	3055	50-EV	41237.00	10.65	25.57	23.85	29.45	0.003024	15.80	2609.70	354.58	0.81
Oso-2-Ocean	3055	25-EV	26399.00	10.65	22.46	20.91	25.32	0.003189	13.56	1946.52	302.92	0.78
Oso-2-Ocean	3055	10-EV	12644.00	10.65	18.78	17.53	20.47	0.003402	10.42	1213.20	191.99	0.73
Oso-2-Ocean	3055	5-EV	5769.00	10.65	16.17	15.30	17.15	0.003828	7.96	725.13	181.54	0.70
Oso-2-Ocean	3055	2-EV	2330.00	10.65	14.33	13.78	14.86	0.004527	5.86	397.81	174.17	0.68
Oso-2-Ocean	2755	100-EV	45934.00	10.29	25.96	23.33	29.59	0.002405	15.29	3005.08	358.48	0.74
Oso-2-Ocean	2755	50-EV	41237.00	10.29	25.18	22.50	28.48	0.002352	14.58	2828.99	341.15	0.72
Oso-2-Ocean	2755	25-EV	26399.00	10.29	21.96	19.57	24.35	0.002413	12.41	2127.24	253.84	0.69
Oso-2-Ocean	2755	10-EV	12644.00	10.29	18.17	16.20	19.52	0.002390	9.33	1355.56	196.02	0.63
Oso-2-Ocean	2755	5-EV	5769.00	10.29	15.43	13.98	16.17	0.002433	6.91	834.61	185.09	0.57
Oso-2-Ocean	2755	2-EV	2330.00	10.29	13.39	12.50	13.78	0.002731	5.01	464.83	176.91	0.55
Oso-2-Ocean	2455	100-EV	45934.00	8.81	25.57	22.24	28.81	0.002030	14.44	3180.84	663.78	0.69

HEC-RAS Plan: NoPA45 (Continued)

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
Oso-2-Ocean	2455	50-EV	41237.00	8.81	24.79	21.41	27.73	0.001970	13.74	3001.27	620.29	0.67
Oso-2-Ocean	2455	25-EV	26399.00	8.81	21.50	18.51	23.61	0.001983	11.63	2269.76	457.05	0.63
Oso-2-Ocean	2455	10-EV	12644.00	8.81	17.69	15.17	18.83	0.001842	8.58	1474.42	200.58	0.56
Oso-2-Ocean	2455	5-EV	5769.00	8.81	14.94	12.97	15.53	0.001677	6.15	938.79	189.60	0.49
Oso-2-Ocean	2455	2-EV	2330.00	8.81	12.86	11.50	13.14	0.001555	4.21	553.69	181.30	0.42
Oso-2-Ocean	2155	100-EV	45934.00	8.21	24.06	22.18	28.01	0.003008	15.94	2881.62	254.66	0.80
Oso-2-Ocean	2155	50-EV	41237.00	8.21	23.43	21.38	26.96	0.002863	15.07	2736.71	230.05	0.77
Oso-2-Ocean	2155	25-EV	26399.00	8.21	18.57	18.53	22.48	0.005867	15.85	1665.14	210.60	0.99
Oso-2-Ocean	2155	10-EV	12644.00	8.21	15.86	15.23	17.88	0.005073	11.40	1109.43	199.77	0.85
Oso-2-Ocean	2155	5-EV	5769.00	8.21	13.66	12.82	14.72	0.004210	8.28	696.90	174.56	0.73
Oso-2-Ocean	2155	2-EV	2330.00	8.21	11.97	11.18	12.46	0.003354	5.57	418.03	158.26	0.60
Oso-2-Ocean	1855	100-EV	45934.00	7.22	23.95	20.44	27.03	0.001963	14.07	3263.78	325.74	0.67
Oso-2-Ocean	1855	50-EV	41237.00	7.22	23.31	19.62	26.04	0.001843	13.25	3113.21	300.49	0.64
Oso-2-Ocean	1855	25-EV	26399.00	7.22	16.79	16.79	20.73	0.005792	15.93	1657.64	209.97	1.00
Oso-2-Ocean	1855	10-EV	12644.00	7.22	13.52	13.52	16.04	0.007111	12.74	992.37	196.96	1.00
Oso-2-Ocean	1855	5-EV	5769.00	7.22	11.37	11.37	12.91	0.008729	9.96	578.95	188.43	1.00
Oso-2-Ocean	1855	2-EV	2330.00	7.22	9.86	9.86	10.77	0.010552	7.63	305.31	168.78	1.00
Oso-2-Ocean	1502	100-EV	45934.00	6.05	25.02	16.13	26.09	0.000562	8.30	5537.24	383.26	0.35
Oso-2-Ocean	1502	50-EV	41237.00	6.05	24.24	15.51	25.19	0.000527	7.79	5291.02	381.56	0.34
Oso-2-Ocean	1502	25-EV	26399.00	6.05	15.76	13.30	17.35	0.002218	10.12	2609.67	308.44	0.61
Oso-2-Ocean	1502	10-EV	12644.00	6.05	12.61	10.79	13.51	0.002247	7.62	1659.87	295.41	0.57
Oso-2-Ocean	1502	5-EV	5769.00	6.05	10.64	9.06	11.08	0.001910	5.32	1083.98	287.37	0.48
Oso-2-Ocean	1502	2-EV	2330.00	6.05	9.12	7.90	9.31	0.001437	3.51	663.18	262.87	0.39
Oso-2-Ocean	1337	100-EV	45934.00	5.78	25.16	14.83	25.81	0.000336	6.46	7112.70	521.72	0.27
Oso-2-Ocean	1337	50-EV	41237.00	5.78	24.36	14.28	24.94	0.000316	6.07	6791.54	519.10	0.26
Oso-2-Ocean	1337	25-EV	26399.00	5.78	15.78	12.43	16.76	0.001360	7.92	3333.93	396.21	0.48
Oso-2-Ocean	1337	10-EV	12644.00	5.78	12.46	10.34	13.05	0.001586	6.21	2036.38	383.84	0.48
Oso-2-Ocean	1337	5-EV	5769.00	5.78	10.40	8.91	10.73	0.001641	4.60	1255.23	376.69	0.44
Oso-2-Ocean	1337	2-EV	2330.00	5.78	8.87	7.83	9.05	0.001694	3.36	693.21	339.71	0.41
Oso-2-Ocean	1241		Bridge									
Oso-2-Ocean	1193	100-EV	45934.00	5.51	24.79	14.65	25.49	0.000373	6.68	6877.58	736.30	0.28
Oso-2-Ocean	1193	50-EV	41237.00	5.51	24.08	14.12	24.68	0.000345	6.25	6598.44	733.93	0.27
Oso-2-Ocean	1193	25-EV	26399.00	5.51	15.48	12.27	16.50	0.001481	8.09	3261.27	523.51	0.49
Oso-2-Ocean	1193	10-EV	12644.00	5.51	12.18	10.20	12.81	0.001750	6.36	1988.64	418.27	0.49
Oso-2-Ocean	1193	5-EV	5769.00	5.51	10.15	8.79	10.50	0.001855	4.74	1217.68	378.47	0.47
Oso-2-Ocean	1193	2-EV	2330.00	5.51	8.62	7.75	8.82	0.002124	3.57	653.54	344.01	0.46
Oso-2-Ocean	1146	100-EV	45934.00	5.31	24.86	13.38	25.39	0.000265	5.83	7875.58	665.01	0.24
Oso-2-Ocean	1146	50-EV	41237.00	5.31	24.14	12.88	24.60	0.000244	5.45	7567.66	663.96	0.23
Oso-2-Ocean	1146	25-EV	26399.00	5.31	15.59	11.13	16.28	0.000872	6.68	3950.18	445.13	0.39
Oso-2-Ocean	1146	10-EV	12644.00	5.31	12.25	9.17	12.63	0.000861	4.97	2543.04	417.73	0.36
Oso-2-Ocean	1146	5-EV	5769.00	5.31	10.19	7.89	10.37	0.000699	3.42	1687.09	413.61	0.30
Oso-2-Ocean	1146	2-EV	2330.00	5.31	8.64	6.99	8.71	0.000554	2.22	1048.12	410.51	0.25
Oso-2-Ocean	1116	100-EV	45934.00	5.13	24.87	13.18	25.37	0.000247	5.66	8111.76	731.78	0.23
Oso-2-Ocean	1116	50-EV	41237.00	5.13	24.14	12.68	24.58	0.000228	5.29	7792.27	713.96	0.22
Oso-2-Ocean	1116	25-EV	26399.00	5.13	15.58	10.95	16.24	0.000814	6.51	4057.59	437.66	0.37
Oso-2-Ocean	1116	10-EV	12644.00	5.13	12.23	9.01	12.59	0.000786	4.81	2629.29	423.31	0.34
Oso-2-Ocean	1116	5-EV	5769.00	5.13	10.17	7.76	10.34	0.000617	3.27	1761.85	419.19	0.28
Oso-2-Ocean	1116	2-EV	2330.00	5.13	8.62	6.93	8.69	0.000460	2.09	1114.79	416.08	0.23
Oso-2-Ocean	1050		Bridge									
Oso-2-Ocean	1018	100-EV	45934.00	5.12	11.53	14.51	21.78	0.033757	25.68	1788.95	398.58	2.14
Oso-2-Ocean	1018	50-EV	41237.00	5.12	11.13	13.96	21.06	0.036566	25.28	1631.46	396.34	2.20
Oso-2-Ocean	1018	25-EV	26399.00	5.12	11.49	12.17	14.93	0.011467	14.89	1773.35	398.36	1.24
Oso-2-Ocean	1018	10-EV	12644.00	5.12	9.71	10.16	11.87	0.013196	11.78	1073.66	387.72	1.25
Oso-2-Ocean	1018	5-EV	5769.00	5.12	8.46	8.74	9.82	0.014272	9.37	615.81	337.22	1.22
Oso-2-Ocean	1018	2-EV	2330.00	5.12	7.53	7.69	8.34	0.016198	7.22	322.86	291.45	1.21
Oso-2-Ocean	880	100-EV	45934.00	4.85	11.19	13.28	18.24	0.021236	21.31	2155.48	457.12	1.67
Oso-2-Ocean	880	50-EV	41237.00	4.85	10.85	12.79	17.36	0.021233	20.46	2015.72	445.46	1.65
Oso-2-Ocean	880	25-EV	26399.00	4.85	12.71	11.03	14.08	0.003002	9.40	2807.99	489.81	0.65
Oso-2-Ocean	880	10-EV	12644.00	4.85	10.28	9.02	11.07	0.003002	7.12	1776.22	417.20	0.61
Oso-2-Ocean	880	5-EV	5769.00	4.85	8.58	7.65	9.02	0.003005	5.33	1082.42	393.07	0.57
Oso-2-Ocean	880	2-EV	2330.00	4.85	7.34	6.62	7.56	0.003001	3.81	611.70	367.50	0.52

HEC-RAS Plan: NoPA45

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
UpStream-2-Bell	61295	100-EV	20300.00	377.16	389.72		390.06	0.012964	4.70	4323.53	933.24	0.38
UpStream-2-Bell	61295	50-EV	18156.00	377.16	389.28		389.61	0.011769	4.61	3939.32	812.87	0.37
UpStream-2-Bell	61295	25-EV	11896.00	377.16	387.59		387.88	0.012146	4.34	2739.44	632.73	0.37
UpStream-2-Bell	61295	10-EV	6364.00	377.16	384.52		384.84	0.014054	4.52	1406.64	340.57	0.39
UpStream-2-Bell	61295	5-EV	2205.00	377.16	382.16		382.30	0.009316	2.93	751.30	255.90	0.30
UpStream-2-Bell	61295	2-EV	626.00	377.16	380.57		380.62	0.008279	1.76	356.28	240.07	0.25
UpStream-2-Bell	61123	100-EV	20300.00	376.00	388.19		388.42	0.007075	3.80	5337.08	1001.77	0.29
UpStream-2-Bell	61123	50-EV	18156.00	376.00	387.84		388.05	0.006960	3.64	4986.53	987.13	0.29
UpStream-2-Bell	61123	25-EV	11896.00	376.00	386.06		386.25	0.007316	3.47	3428.25	756.69	0.29
UpStream-2-Bell	61123	10-EV	6364.00	376.00	382.46		382.72	0.010734	4.15	1531.70	343.26	0.35
UpStream-2-Bell	61123	5-EV	2205.00	376.00	379.71		379.91	0.022756	3.61	611.60	298.79	0.44
UpStream-2-Bell	61123	2-EV	626.00	376.00	378.26		378.37	0.023512	2.61	240.03	195.52	0.41
UpStream-2-Bell	60921	100-EV	20300.00	374.00	386.80		387.00	0.006869	3.62	5603.43	1106.66	0.28
UpStream-2-Bell	60921	50-EV	18156.00	374.00	386.46		386.65	0.006785	3.47	5236.79	1094.52	0.28
UpStream-2-Bell	60921	25-EV	11896.00	374.00	384.85		385.00	0.005202	3.19	3725.20	720.50	0.25
UpStream-2-Bell	60921	10-EV	6364.00	374.00	381.46		381.59	0.003263	2.88	2212.85	351.89	0.20
UpStream-2-Bell	60921	5-EV	2205.00	374.00	377.97		378.04	0.004823	2.16	1018.97	334.05	0.22
UpStream-2-Bell	60921	2-EV	626.00	374.00	376.25		376.28	0.005672	1.39	451.40	326.45	0.21
UpStream-2-Bell	60750	100-EV	20300.00	372.00	385.35		385.59	0.009915	3.93	5165.33	1189.28	0.33
UpStream-2-Bell	60750	50-EV	18156.00	372.00	385.02		385.24	0.010089	3.81	4768.88	1166.69	0.33
UpStream-2-Bell	60750	25-EV	11896.00	372.00	383.58		383.78	0.010188	3.61	3298.56	880.86	0.33
UpStream-2-Bell	60750	10-EV	6364.00	372.00	380.25		380.61	0.011360	4.80	1325.63	248.25	0.37
UpStream-2-Bell	60750	5-EV	2205.00	372.00	376.56		376.77	0.012604	3.66	601.91	183.29	0.36
UpStream-2-Bell	60750	2-EV	626.00	372.00	374.58		374.68	0.018087	2.53	247.85	173.53	0.37
UpStream-2-Bell	60599	100-EV	20300.00	370.00	383.98		384.17	0.008841	3.43	5923.46	1538.86	0.31
UpStream-2-Bell	60599	50-EV	18156.00	370.00	383.63		383.81	0.008797	3.36	5401.68	1439.32	0.31
UpStream-2-Bell	60599	25-EV	11896.00	370.00	382.05		382.23	0.010253	3.45	3452.72	993.57	0.33
UpStream-2-Bell	60599	10-EV	6364.00	370.00	378.29		378.67	0.014649	5.00	1272.62	272.53	0.41
UpStream-2-Bell	60599	5-EV	2205.00	370.00	374.89		375.08	0.010041	3.51	627.65	172.23	0.32
UpStream-2-Bell	60599	2-EV	626.00	370.00	372.77		372.84	0.008717	2.18	287.26	145.41	0.27
UpStream-2-Bell	60374	100-EV	20300.00	368.00	381.79		382.01	0.010343	3.83	5304.48	1311.96	0.34
UpStream-2-Bell	60374	50-EV	18156.00	368.00	381.42	375.49	381.64	0.010544	3.76	4830.85	1245.34	0.34
UpStream-2-Bell	60374	25-EV	11896.00	368.00	379.56		379.82	0.011134	4.08	2918.05	691.89	0.35
UpStream-2-Bell	60374	10-EV	6364.00	368.00	375.99		376.29	0.007862	4.39	1451.30	236.34	0.31
UpStream-2-Bell	60374	5-EV	2205.00	368.00	373.18		373.30	0.006229	2.74	804.57	223.80	0.25
UpStream-2-Bell	60374	2-EV	626.00	368.00	371.27		371.31	0.005375	1.62	387.13	213.39	0.21
UpStream-2-Bell	60149	100-EV	20300.00	366.00	374.37	373.91	377.03	0.064240	13.10	1549.05	236.18	0.90
UpStream-2-Bell	60149	50-EV	18156.00	366.00	373.55	373.43	376.33	0.077104	13.36	1359.23	231.15	0.97
UpStream-2-Bell	60149	25-EV	11896.00	366.00	371.93	371.93	374.16	0.088845	11.99	992.46	221.27	1.00
UpStream-2-Bell	60149	10-EV	6364.00	366.00	370.32	370.32	371.84	0.101207	9.89	643.17	211.28	1.00
UpStream-2-Bell	60149	5-EV	2205.00	366.00	368.71	368.71	369.48	0.125551	7.06	312.30	200.51	1.00
UpStream-2-Bell	60149	2-EV	626.00	366.00	367.77	367.63	368.10	0.102040	4.59	136.39	143.12	0.83
UpStream-2-Bell	59999	100-EV	20300.00	357.84	372.80	366.31	373.64	0.008933	7.32	2773.96	227.25	0.37
UpStream-2-Bell	59999	50-EV	18156.00	357.84	372.04	365.79	372.79	0.008685	6.98	2601.14	224.31	0.36
UpStream-2-Bell	59999	25-EV	11896.00	357.84	369.50	364.18	370.02	0.007855	5.83	2042.09	215.36	0.33
UpStream-2-Bell	59999	10-EV	6364.00	357.84	366.40	362.38	366.72	0.007393	4.57	1393.48	203.61	0.31
UpStream-2-Bell	59999	5-EV	2205.00	357.84	362.45	360.54	362.64	0.011151	3.54	622.97	182.97	0.34
UpStream-2-Bell	59999	2-EV	626.00	357.84	359.96	359.41	360.11	0.032270	3.16	198.19	153.59	0.49
UpStream-2-Bell	59699	100-EV	20300.00	352.12	369.14	364.54	370.18	0.015154	8.20	2477.08	256.77	0.47
UpStream-2-Bell	59699	50-EV	18156.00	352.12	368.40	363.97	369.38	0.015354	7.93	2289.43	251.92	0.46
UpStream-2-Bell	59699	25-EV	11896.00	352.12	366.01	361.65	366.77	0.015687	6.97	1707.84	232.48	0.45
UpStream-2-Bell	59699	10-EV	6364.00	352.12	363.25	359.12	363.75	0.013856	5.64	1127.39	191.93	0.41
UpStream-2-Bell	59699	5-EV	2205.00	352.12	359.72	356.18	359.93	0.007490	3.68	598.94	122.18	0.29
UpStream-2-Bell	59699	2-EV	626.00	352.12	356.54	354.26	356.63	0.005880	2.37	263.65	86.99	0.24
UpStream-2-Bell	59550	100-EV	20300.00	350.00	367.06		368.02	0.013581	7.86	2581.77	261.10	0.44
UpStream-2-Bell	59550	50-EV	18156.00	350.00	366.34		367.23	0.013172	7.57	2398.45	250.91	0.43
UpStream-2-Bell	59550	25-EV	11896.00	350.00	364.02		364.67	0.012330	6.47	1839.39	232.33	0.41
UpStream-2-Bell	59550	10-EV	6364.00	350.00	361.44		361.84	0.011510	5.06	1257.40	218.64	0.37
UpStream-2-Bell	59550	5-EV	2205.00	350.00	358.53		358.70	0.008886	3.32	664.32	179.93	0.30
UpStream-2-Bell	59550	2-EV	626.00	350.00	355.82		355.89	0.004205	2.12	295.14	89.31	0.21
UpStream-2-Bell	59325	100-EV	20300.00	350.00	364.50		365.27	0.010656	7.02	2889.95	290.13	0.39
UpStream-2-Bell	59325	50-EV	18156.00	350.00	363.82		364.53	0.010619	6.74	2693.81	287.26	0.39
UpStream-2-Bell	59325	25-EV	11896.00	350.00	361.56		362.08	0.010483	5.78	2058.14	274.41	0.37
UpStream-2-Bell	59325	10-EV	6364.00	350.00	359.00		359.33	0.010652	4.63	1373.84	259.21	0.35
UpStream-2-Bell	59325	5-EV	2205.00	350.00	356.21		356.37	0.012226	3.26	675.85	240.00	0.34
UpStream-2-Bell	59325	2-EV	626.00	350.00	354.11		354.21	0.016734	2.65	236.66	145.72	0.37
UpStream-2-Bell	59024	100-EV	20300.00	346.05	360.72	356.30	361.65	0.013561	7.75	2620.51	272.31	0.44
UpStream-2-Bell	59024	50-EV	18156.00	346.05	360.11	355.84	360.96	0.013211	7.39	2457.45	269.02	0.43
UpStream-2-Bell	59024	25-EV	11896.00	346.05	358.15	354.42	358.74	0.011768	6.13	1940.72	258.29	0.39
UpStream-2-Bell	59024	10-EV	6364.00	346.05	355.87	352.82	356.21	0.010101	4.66	1366.23	245.39	0.35

HEC-RAS Plan: NoPA45 (Continued)

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
UpStream-2-Bell	59024	5-EV	2205.00	346.05	353.25	350.65	353.39	0.008226	2.97	742.51	225.36	0.29
UpStream-2-Bell	59024	2-EV	626.00	346.05	350.77	348.49	350.84	0.007996	2.20	284.52	132.72	0.26
UpStream-2-Bell	58874	100-EV	20300.00	346.00	357.66	354.94	358.98	0.023549	9.19	2209.68	269.31	0.57
UpStream-2-Bell	58874	50-EV	18156.00	346.00	357.19	354.53	358.37	0.022778	8.72	2081.61	267.73	0.55
UpStream-2-Bell	58874	25-EV	11896.00	346.00	355.79	353.15	356.54	0.018281	6.95	1711.50	263.09	0.48
UpStream-2-Bell	58874	10-EV	6364.00	346.00	354.00	351.89	354.41	0.014398	5.10	1246.64	255.29	0.41
UpStream-2-Bell	58874	5-EV	2205.00	346.00	351.81		351.96	0.010994	3.15	700.61	242.78	0.33
UpStream-2-Bell	58874	2-EV	626.00	346.00	348.97		349.14	0.017016	3.30	189.50	84.63	0.39
Bell-2-Gober	58274	100-EV	20204.00	340.00	348.00	346.75	348.88	0.012323	7.53	2682.08	764.53	0.62
Bell-2-Gober	58274	50-EV	17745.00	340.00	347.67	346.47	348.46	0.012204	7.14	2486.50	751.68	0.61
Bell-2-Gober	58274	25-EV	14843.00	340.00	347.25	346.13	347.93	0.012019	6.62	2241.65	736.76	0.60
Bell-2-Gober	58274	10-EV	7201.00	340.00	345.82	345.07	346.23	0.013009	5.11	1409.98	681.63	0.58
Bell-2-Gober	58274	5-EV	2413.00	340.00	344.47	343.29	344.69	0.013301	3.72	648.01	522.06	0.56
Bell-2-Gober	58274	2-EV	529.00	340.00	342.68	341.61	342.77	0.006766	2.44	216.42	188.36	0.38
Bell-2-Gober	58124	100-EV	20303.00	339.45	346.81	344.93	347.36	0.007517	5.91	3434.86	940.83	0.48
Bell-2-Gober	58124	50-EV	17811.00	339.45	346.46	344.66	346.95	0.007497	5.61	3175.46	929.41	0.48
Bell-2-Gober	58124	25-EV	14903.00	339.45	346.02	344.31	346.45	0.007463	5.22	2854.49	881.61	0.47
Bell-2-Gober	58124	10-EV	7178.00	339.45	344.56	343.28	344.80	0.006758	3.95	1819.47	667.63	0.42
Bell-2-Gober	58124	5-EV	2428.00	339.45	343.10	342.28	343.21	0.007259	2.74	885.88	610.07	0.40
Bell-2-Gober	58124	2-EV	533.00	339.45	341.50	340.86	341.60	0.009055	2.54	209.91	190.36	0.43
Bell-2-Gober	57899	100-EV	20303.00	338.00	344.93	343.18	345.46	0.009453	5.87	3456.03	905.80	0.49
Bell-2-Gober	57899	50-EV	17811.00	338.00	344.58	342.94	345.06	0.009475	5.58	3190.19	896.16	0.48
Bell-2-Gober	57899	25-EV	14903.00	338.00	344.15	342.64	344.57	0.009407	5.19	2870.19	882.65	0.47
Bell-2-Gober	57899	10-EV	7178.00	338.00	342.84	341.52	343.07	0.008922	3.83	1876.25	762.10	0.43
Bell-2-Gober	57899	5-EV	2428.00	338.00	341.27	340.16	341.40	0.008978	2.95	823.39	520.51	0.41
Bell-2-Gober	57899	2-EV	533.00	338.00	339.57	338.95	339.65	0.008291	2.33	228.67	212.75	0.40
Bell-2-Gober	57674	100-EV	20303.00	336.00	342.19	340.68	342.78	0.015437	6.15	3300.90	848.69	0.54
Bell-2-Gober	57674	50-EV	17811.00	336.00	341.82	340.43	342.37	0.015517	5.93	3003.92	785.16	0.53
Bell-2-Gober	57674	25-EV	14903.00	336.00	341.37	340.12	341.86	0.015903	5.62	2653.90	769.23	0.53
Bell-2-Gober	57674	10-EV	7178.00	336.00	339.96	338.99	340.28	0.018376	4.48	1601.09	723.02	0.53
Bell-2-Gober	57674	5-EV	2428.00	336.00	338.64	337.91	338.80	0.015496	3.13	775.33	554.99	0.47
Bell-2-Gober	57674	2-EV	533.00	336.00	337.46	336.91	337.53	0.010824	2.13	250.67	289.79	0.40
Bell-2-Gober	57525	100-EV	20303.00	333.04	340.73	338.44	341.14	0.007752	5.12	3966.15	827.46	0.41
Bell-2-Gober	57525	50-EV	17811.00	333.04	340.36	338.19	340.73	0.007750	4.87	3655.68	820.91	0.41
Bell-2-Gober	57525	25-EV	14903.00	333.04	339.88	337.90	340.20	0.007753	4.56	3288.48	809.77	0.40
Bell-2-Gober	57525	10-EV	7178.00	333.04	338.34	336.96	338.53	0.007825	3.49	2057.47	755.84	0.37
Bell-2-Gober	57525	5-EV	2428.00	333.04	336.87	336.17	336.96	0.009879	2.49	976.63	715.01	0.38
Bell-2-Gober	57525	2-EV	533.00	333.04	335.89	334.99	335.93	0.010534	1.62	328.37	457.08	0.34
Bell-2-Gober	57224	100-EV	20303.00	329.99	338.38		338.79	0.007920	5.12	3964.90	804.66	0.41
Bell-2-Gober	57224	50-EV	17811.00	329.99	338.01		338.38	0.007866	4.86	3667.32	801.49	0.40
Bell-2-Gober	57224	25-EV	14903.00	329.99	337.56		337.87	0.007746	4.51	3304.54	797.61	0.39
Bell-2-Gober	57224	10-EV	7178.00	329.99	336.12		336.29	0.007096	3.31	2171.30	778.76	0.35
Bell-2-Gober	57224	5-EV	2428.00	329.99	334.40		334.48	0.006971	2.34	1037.60	600.39	0.31
Bell-2-Gober	57224	2-EV	533.00	329.99	332.36		332.45	0.012789	2.37	224.59	225.36	0.42
Bell-2-Gober	57074	100-EV	20303.00	328.00	337.17		337.59	0.007980	5.22	3886.55	836.65	0.43
Bell-2-Gober	57074	50-EV	17811.00	328.00	336.78		337.17	0.008166	5.00	3564.09	834.76	0.43
Bell-2-Gober	57074	25-EV	14903.00	328.00	336.32		336.66	0.008307	4.68	3181.92	832.51	0.42
Bell-2-Gober	57074	10-EV	7178.00	328.00	334.93		335.12	0.008489	3.54	2027.12	820.54	0.40
Bell-2-Gober	57074	5-EV	2428.00	328.00	333.33		333.44	0.006980	2.57	945.32	529.38	0.34
Bell-2-Gober	57074	2-EV	533.00	328.00	330.68		330.83	0.009068	3.18	167.48	106.53	0.45
Bell-2-Gober	56849	100-EV	20303.00	326.00	335.37		335.77	0.008194	5.04	4024.44	800.57	0.40
Bell-2-Gober	56849	50-EV	17811.00	326.00	334.90		335.27	0.008759	4.89	3643.03	798.86	0.40
Bell-2-Gober	56849	25-EV	14903.00	326.00	334.37		334.70	0.009193	4.62	3222.75	796.93	0.41
Bell-2-Gober	56849	10-EV	7178.00	326.00	332.83		333.03	0.010263	3.58	2004.60	791.05	0.40
Bell-2-Gober	56849	5-EV	2428.00	326.00	331.04		331.19	0.015346	3.14	772.56	520.00	0.45
Bell-2-Gober	56849	2-EV	533.00	326.00	329.17		329.26	0.005464	2.41	220.88	145.65	0.35
Bell-2-Gober	56624	100-EV	20303.00	324.95	333.85		334.21	0.005872	4.81	4224.66	735.90	0.35
Bell-2-Gober	56624	50-EV	17811.00	324.95	333.20		333.55	0.006680	4.75	3749.72	732.49	0.37
Bell-2-Gober	56624	25-EV	14903.00	324.95	332.50		332.83	0.007539	4.60	3239.63	727.09	0.38
Bell-2-Gober	56624	10-EV	7178.00	324.95	330.80		331.00	0.008021	3.55	2022.29	700.37	0.37
Bell-2-Gober	56624	5-EV	2428.00	324.95	328.89		329.01	0.006653	2.68	907.44	461.76	0.34
Bell-2-Gober	56624	2-EV	533.00	324.95	326.85		327.00	0.024155	3.13	170.32	225.49	0.63
Bell-2-Gober	56474	100-EV	20303.00	322.63	333.00		333.34	0.005585	4.68	4339.18	686.34	0.33
Bell-2-Gober	56474	50-EV	17811.00	322.63	332.20		332.54	0.006704	4.70	3790.14	683.25	0.35
Bell-2-Gober	56474	25-EV	14903.00	322.63	331.29		331.63	0.008449	4.70	3168.91	679.14	0.38
Bell-2-Gober	56474	10-EV	7178.00	322.63	329.19		329.45	0.013741	4.09	1752.92	667.86	0.45
Bell-2-Gober	56474	5-EV	2428.00	322.63	327.43		327.61	0.013822	3.41	712.31	381.43	0.44
Bell-2-Gober	56474	2-EV	533.00	322.63	325.24		325.32	0.006330	2.28	233.32	158.54	0.33
Bell-2-Gober	56323	100-EV	20303.00	322.00	332.47		332.73	0.002917	4.09	4969.13	647.79	0.26

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	56323	50-EV	17811.00	322.00	331.57		331.82	0.003356	4.06	4388.84	643.08	0.27
Bell-2-Gober	56323	25-EV	14903.00	322.00	330.50		330.75	0.004073	4.02	3704.21	618.18	0.29
Bell-2-Gober	56323	10-EV	7178.00	322.00	327.73		327.94	0.007477	3.65	1965.16	620.37	0.36
Bell-2-Gober	56323	5-EV	2428.00	322.00	325.87		325.99	0.008417	2.82	860.16	453.53	0.36
Bell-2-Gober	56323	2-EV	533.00	322.00	323.64		323.82	0.017898	3.41	156.51	149.90	0.59
Bell-2-Gober	56175	100-EV	20303.00	320.00	332.18		332.36	0.001857	3.43	5919.17	702.55	0.21
Bell-2-Gober	56175	50-EV	17811.00	320.00	331.23		331.41	0.002098	3.39	5257.31	696.75	0.22
Bell-2-Gober	56175	25-EV	14903.00	320.00	330.08		330.26	0.002502	3.34	4461.62	689.71	0.23
Bell-2-Gober	56175	10-EV	7178.00	320.00	326.84		326.99	0.005346	3.18	2258.56	665.23	0.30
Bell-2-Gober	56175	5-EV	2428.00	320.00	324.81		324.89	0.006409	2.35	1032.39	543.65	0.30
Bell-2-Gober	56175	2-EV	533.00	320.00	322.35		322.42	0.005568	2.09	254.59	193.73	0.32
Bell-2-Gober	56024	100-EV	20303.00	319.91	331.95		332.10	0.001494	3.13	6476.40	735.03	0.19
Bell-2-Gober	56024	50-EV	17811.00	319.91	330.97		331.12	0.001683	3.09	5760.05	729.92	0.19
Bell-2-Gober	56024	25-EV	14903.00	319.91	329.77		329.91	0.002014	3.05	4885.47	723.49	0.21
Bell-2-Gober	56024	10-EV	7178.00	319.91	325.91		326.09	0.006771	3.35	2144.99	685.61	0.33
Bell-2-Gober	56024	5-EV	2428.00	319.91	323.79		323.92	0.006410	2.96	819.15	341.39	0.34
Bell-2-Gober	56024	2-EV	533.00	319.91	321.51		321.58	0.005612	2.21	241.41	183.00	0.34
Bell-2-Gober	55874	100-EV	20303.00	318.00	331.77		331.90	0.001144	2.90	7007.16	705.90	0.16
Bell-2-Gober	55874	50-EV	17811.00	318.00	330.77		330.90	0.001235	2.82	6306.84	700.10	0.17
Bell-2-Gober	55874	25-EV	14903.00	318.00	329.54		329.65	0.001388	2.74	5446.82	692.90	0.17
Bell-2-Gober	55874	10-EV	7178.00	318.00	325.15		325.28	0.004255	2.91	2463.36	662.19	0.27
Bell-2-Gober	55874	5-EV	2428.00	318.00	322.75		322.85	0.007870	2.46	985.32	551.15	0.32
Bell-2-Gober	55874	2-EV	533.00	318.00	320.83		320.88	0.003862	1.69	315.02	204.95	0.24
Bell-2-Gober	55724	100-EV	20303.00	316.48	331.58		331.72	0.001210	3.07	6616.99	617.57	0.17
Bell-2-Gober	55724	50-EV	17811.00	316.48	330.57		330.71	0.001279	2.97	5998.50	612.93	0.17
Bell-2-Gober	55724	25-EV	14903.00	316.48	329.32		329.45	0.001392	2.85	5235.39	607.16	0.17
Bell-2-Gober	55724	10-EV	7178.00	316.48	324.56		324.69	0.003585	2.95	2435.55	543.59	0.25
Bell-2-Gober	55724	5-EV	2428.00	316.48	321.78		321.86	0.005572	2.35	1033.71	455.30	0.27
Bell-2-Gober	55724	2-EV	533.00	316.48	320.09		320.13	0.006746	1.52	350.09	347.38	0.27
Bell-2-Gober	55574	100-EV	20303.00	316.00	331.31		331.50	0.001722	3.55	5718.75	533.56	0.19
Bell-2-Gober	55574	50-EV	17811.00	316.00	330.30		330.48	0.001743	3.43	5186.94	518.18	0.19
Bell-2-Gober	55574	25-EV	14903.00	316.00	329.05		329.22	0.001638	3.26	4572.01	482.41	0.19
Bell-2-Gober	55574	10-EV	7178.00	316.00	324.02		324.18	0.003277	3.15	2279.67	438.51	0.24
Bell-2-Gober	55574	5-EV	2428.00	316.00	320.75		320.87	0.008082	2.75	883.96	413.51	0.33
Bell-2-Gober	55574	2-EV	533.00	316.00	318.63		318.72	0.013659	2.48	214.51	191.06	0.41
Bell-2-Gober	55424	100-EV	20303.00	314.00	331.08		331.28	0.001335	3.55	5718.94	469.11	0.18
Bell-2-Gober	55424	50-EV	17811.00	314.00	330.07		330.25	0.001331	3.39	5250.06	461.94	0.18
Bell-2-Gober	55424	25-EV	14903.00	314.00	328.84		328.99	0.001322	3.18	4684.32	452.76	0.17
Bell-2-Gober	55424	10-EV	7178.00	314.00	323.61		323.75	0.002435	2.97	2418.35	414.94	0.22
Bell-2-Gober	55424	5-EV	2428.00	314.00	319.76		319.87	0.005510	2.66	912.02	347.48	0.29
Bell-2-Gober	55424	2-EV	533.00	314.00	317.24		317.34	0.006640	2.52	211.37	123.33	0.34
Bell-2-Gober	55274	100-EV	20303.00	313.78	330.92		331.09	0.001078	3.22	6302.88	490.67	0.16
Bell-2-Gober	55274	50-EV	17811.00	313.78	329.92		330.06	0.001058	3.06	5812.95	482.95	0.16
Bell-2-Gober	55274	25-EV	14903.00	313.78	328.68		328.81	0.001020	2.85	5222.93	472.89	0.15
Bell-2-Gober	55274	10-EV	7178.00	313.78	323.35		323.45	0.001573	2.54	2825.49	426.94	0.17
Bell-2-Gober	55274	5-EV	2428.00	313.78	319.10		319.18	0.003821	2.24	1085.94	390.00	0.24
Bell-2-Gober	55274	2-EV	533.00	313.78	316.34		316.41	0.005757	2.07	257.29	157.35	0.29
Bell-2-Gober	55124	100-EV	20303.00	312.00	330.76		330.92	0.001067	3.20	6349.27	488.10	0.16
Bell-2-Gober	55124	50-EV	17811.00	312.00	329.76		329.91	0.001020	3.04	5867.92	473.99	0.15
Bell-2-Gober	55124	25-EV	14903.00	312.00	328.54		328.66	0.000962	2.81	5294.69	460.48	0.15
Bell-2-Gober	55124	10-EV	7178.00	312.00	323.13		323.22	0.001440	2.47	2911.61	421.91	0.17
Bell-2-Gober	55124	5-EV	2428.00	312.00	318.43		318.52	0.005115	2.42	1004.14	389.18	0.27
Bell-2-Gober	55124	2-EV	533.00	312.00	315.35		315.49	0.006362	2.98	178.68	73.98	0.34
Bell-2-Gober	54974	100-EV	20303.00	311.44	330.60		330.76	0.001087	3.22	6298.68	504.71	0.16
Bell-2-Gober	54974	50-EV	17811.00	311.44	329.61		329.75	0.001042	3.07	5804.61	489.68	0.16
Bell-2-Gober	54974	25-EV	14903.00	311.44	328.39		328.51	0.000992	2.86	5216.23	476.20	0.15
Bell-2-Gober	54974	10-EV	7178.00	311.44	322.87		322.98	0.001743	2.65	2708.98	428.99	0.19
Bell-2-Gober	54974	5-EV	2428.00	311.44	317.23		317.43	0.010880	3.62	670.17	272.14	0.41
Bell-2-Gober	54974	2-EV	533.00	311.44	313.77		314.05	0.015988	4.24	125.69	68.90	0.55
Bell-2-Gober	54824	100-EV	20303.00	310.00	330.48		330.62	0.000795	3.02	6713.30	473.98	0.14
Bell-2-Gober	54824	50-EV	17811.00	310.00	329.49		329.61	0.000763	2.85	6247.44	468.61	0.14
Bell-2-Gober	54824	25-EV	14903.00	310.00	328.28		328.38	0.000705	2.62	5685.65	458.98	0.13
Bell-2-Gober	54824	10-EV	7178.00	310.00	322.72		322.80	0.000841	2.19	3281.01	407.86	0.14
Bell-2-Gober	54824	5-EV	2428.00	310.00	316.14		316.27	0.005558	2.90	835.81	294.58	0.30
Bell-2-Gober	54824	2-EV	533.00	310.00	312.37		312.49	0.006890	2.71	196.71	118.97	0.37
Bell-2-Gober	54674	100-EV	20303.00	308.00	330.34		330.48	0.000997	3.04	6688.13	519.63	0.15
Bell-2-Gober	54674	50-EV	17811.00	308.00	329.36		329.48	0.000972	2.88	6180.73	509.72	0.15
Bell-2-Gober	54674	25-EV	14903.00	308.00	328.15		328.26	0.000939	2.68	5571.04	501.88	0.14
Bell-2-Gober	54674	10-EV	7178.00	308.00	322.58		322.66	0.000915	2.28	3151.50	372.55	0.14
Bell-2-Gober	54674	5-EV	2428.00	308.00	315.45		315.57	0.003978	2.76	879.25	257.89	0.26

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	54674	2-EV	533.00	308.00	310.62		310.94	0.016652	4.53	117.79	62.60	0.58
Bell-2-Gober	54524	100-EV	20303.00	306.04	330.13		330.31	0.001385	3.37	6024.18	525.99	0.18
Bell-2-Gober	54524	50-EV	17811.00	306.04	329.15		329.31	0.001396	3.23	5512.33	514.94	0.17
Bell-2-Gober	54524	25-EV	14903.00	306.04	327.96		328.10	0.001136	3.04	4909.22	435.78	0.16
Bell-2-Gober	54524	10-EV	7178.00	306.04	322.44		322.53	0.000799	2.43	2958.86	313.92	0.14
Bell-2-Gober	54524	5-EV	2428.00	306.04	315.06		315.15	0.002001	2.40	1013.55	232.39	0.20
Bell-2-Gober	54524	2-EV	533.00	306.04	310.05		310.12	0.002351	2.09	254.68	105.19	0.24
Bell-2-Gober	54374	100-EV	20303.00	306.00	329.96		330.11	0.001121	3.19	6361.50	519.96	0.16
Bell-2-Gober	54374	50-EV	17811.00	306.00	328.97		329.12	0.001122	3.04	5852.83	513.14	0.16
Bell-2-Gober	54374	25-EV	14903.00	306.00	327.81		327.93	0.001099	2.83	5259.47	505.52	0.15
Bell-2-Gober	54374	10-EV	7178.00	306.00	322.26		322.37	0.001576	2.66	2701.51	401.23	0.18
Bell-2-Gober	54374	5-EV	2428.00	306.00	314.84		314.93	0.001143	2.35	1031.21	169.58	0.17
Bell-2-Gober	54374	2-EV	533.00	306.00	309.79		309.85	0.001444	1.90	281.04	90.37	0.19
Bell-2-Gober	54223	100-EV	20303.00	304.00	329.67	318.48	329.88	0.002149	3.70	5487.92	546.89	0.20
Bell-2-Gober	54223	50-EV	17811.00	304.00	328.68	317.49	328.88	0.002160	3.58	4973.51	508.54	0.20
Bell-2-Gober	54223	25-EV	14903.00	304.00	327.52	316.32	327.70	0.002143	3.39	4402.13	483.13	0.20
Bell-2-Gober	54223	10-EV	7178.00	304.00	321.75	312.68	321.96	0.005112	3.73	1926.38	346.78	0.28
Bell-2-Gober	54223	5-EV	2428.00	304.00	314.53	309.43	314.70	0.001838	3.36	722.43	104.11	0.22
Bell-2-Gober	54223	2-EV	533.00	304.00	309.52	306.45	309.59	0.001979	2.10	254.30	82.20	0.21
Bell-2-Gober	54074	100-EV	20303.00	304.00	329.17	323.73	329.52	0.002559	4.72	4298.52	505.55	0.28
Bell-2-Gober	54074	50-EV	17811.00	304.00	328.16	323.32	328.50	0.002742	4.68	3804.53	492.27	0.30
Bell-2-Gober	54074	25-EV	14903.00	304.00	326.98	322.81	327.31	0.002936	4.61	3233.09	478.78	0.31
Bell-2-Gober	54074	10-EV	7178.00	304.00	318.57	316.31	320.64	0.012505	11.54	622.15	71.91	0.69
Bell-2-Gober	54074	5-EV	2428.00	304.00	312.57	311.29	313.96	0.017333	9.44	257.29	48.28	0.72
Bell-2-Gober	54074	2-EV	533.00	304.00	308.35	307.44	308.90	0.015319	5.94	89.68	31.34	0.62
Bell-2-Gober	53849	100-EV	20303.00	302.00	328.40	322.82	328.81	0.003912	5.15	3943.45	486.01	0.31
Bell-2-Gober	53849	50-EV	17811.00	302.00	327.30	318.92	327.71	0.004632	5.16	3451.89	476.62	0.33
Bell-2-Gober	53849	25-EV	14903.00	302.00	325.98	317.40	326.40	0.005929	5.20	2867.77	466.36	0.36
Bell-2-Gober	53849	10-EV	7178.00	302.00	317.02	312.46	318.35	0.007072	9.25	775.61	74.11	0.50
Bell-2-Gober	53849	5-EV	2428.00	302.00	310.36	307.86	311.16	0.008412	7.15	339.56	56.89	0.52
Bell-2-Gober	53849	2-EV	533.00	302.00	305.63	304.53	306.01	0.010655	4.90	108.75	39.55	0.52
Bell-2-Gober	53698	100-EV	20303.00	300.00	327.59	319.47	328.13	0.004606	5.88	3452.90	496.89	0.35
Bell-2-Gober	53698	50-EV	17811.00	300.00	326.31	318.13	326.88	0.005842	6.05	2944.84	480.65	0.39
Bell-2-Gober	53698	25-EV	14903.00	300.00	324.57	316.55	325.23	0.008990	6.54	2277.57	451.43	0.47
Bell-2-Gober	53698	10-EV	7178.00	300.00	315.73	311.14	317.16	0.008508	9.57	750.17	73.97	0.53
Bell-2-Gober	53698	5-EV	2428.00	300.00	309.16	306.30	309.94	0.007725	7.09	342.65	52.77	0.49
Bell-2-Gober	53698	2-EV	533.00	300.00	304.35	302.84	304.65	0.007322	4.41	120.92	38.47	0.44
Bell-2-Gober	53549	100-EV	20303.00	297.06	319.19	319.19	325.03	0.037990	19.38	1047.70	89.80	1.00
Bell-2-Gober	53549	50-EV	17811.00	297.06	317.50	317.50	323.46	0.038136	19.58	909.49	76.07	1.00
Bell-2-Gober	53549	25-EV	14903.00	297.06	315.99	315.83	321.41	0.036685	18.68	797.97	71.06	0.98
Bell-2-Gober	53549	10-EV	7178.00	297.06	311.09	310.27	314.45	0.028490	14.70	488.35	56.34	0.88
Bell-2-Gober	53549	5-EV	2428.00	297.06	305.15	304.97	307.42	0.031450	12.09	200.83	39.95	0.95
Bell-2-Gober	53549	2-EV	533.00	297.06	301.10	301.10	302.22	0.042517	8.50	62.71	27.81	1.00
Bell-2-Gober	53399	100-EV	20303.00	296.00	316.26	313.14	320.04	0.016195	15.59	1301.96	96.60	0.75
Bell-2-Gober	53399	50-EV	17811.00	296.00	315.48	311.79	318.75	0.014175	14.51	1227.83	93.20	0.70
Bell-2-Gober	53399	25-EV	14903.00	296.00	314.49	310.18	317.16	0.011689	13.09	1138.15	88.91	0.65
Bell-2-Gober	53399	10-EV	7178.00	296.00	310.47	305.30	311.67	0.006037	8.81	814.68	72.97	0.46
Bell-2-Gober	53399	5-EV	2428.00	296.00	304.56	300.99	305.08	0.004682	5.79	419.13	60.98	0.39
Bell-2-Gober	53399	2-EV	533.00	296.00	299.68	298.16	299.89	0.005576	3.66	145.70	51.03	0.38
Bell-2-Gober	53249	100-EV	20303.00	294.00	313.46	312.76	316.74	0.026174	14.52	1398.61	169.61	0.89
Bell-2-Gober	53249	50-EV	17811.00	294.00	312.89	312.08	315.80	0.024997	13.68	1301.73	166.93	0.86
Bell-2-Gober	53249	25-EV	14903.00	294.00	312.27	311.14	314.67	0.022135	12.41	1200.41	162.91	0.81
Bell-2-Gober	53249	10-EV	7178.00	294.00	307.67		309.98	0.014868	12.22	587.59	64.44	0.71
Bell-2-Gober	53249	5-EV	2428.00	294.00	303.21	300.46	304.06	0.008446	7.37	329.30	51.54	0.51
Bell-2-Gober	53249	2-EV	533.00	294.00	298.80	296.82	299.05	0.005400	4.04	131.77	37.44	0.38
Bell-2-Gober	53099	100-EV	20303.00	294.00	308.90	308.90	311.89	0.038275	13.87	1464.31	244.85	1.00
Bell-2-Gober	53099	50-EV	17811.00	294.00	308.28	308.28	311.13	0.039204	13.53	1316.24	232.86	1.00
Bell-2-Gober	53099	25-EV	14903.00	294.00	307.46	307.46	310.16	0.041177	13.17	1131.29	216.78	1.02
Bell-2-Gober	53099	10-EV	7178.00	294.00	304.14	304.14	306.53	0.039831	12.39	579.42	122.14	1.00
Bell-2-Gober	53099	5-EV	2428.00	294.00	299.27	299.27	301.39	0.035022	11.70	207.51	48.90	1.00
Bell-2-Gober	53099	2-EV	533.00	294.00	296.17	296.17	297.06	0.045395	7.60	70.15	39.72	1.01
Bell-2-Gober	52949	100-EV	20303.00	286.00	298.12		299.42	0.013666	9.13	2222.94	248.66	0.54
Bell-2-Gober	52949	50-EV	17811.00	286.00	297.53		298.67	0.012851	8.57	2077.19	244.05	0.52
Bell-2-Gober	52949	25-EV	14903.00	286.00	296.78		297.74	0.011786	7.86	1896.53	238.18	0.49
Bell-2-Gober	52949	10-EV	7178.00	286.00	294.26		294.72	0.008083	5.43	1321.59	218.20	0.39
Bell-2-Gober	52949	5-EV	2428.00	286.00	291.56		291.71	0.004014	3.11	781.52	165.16	0.25
Bell-2-Gober	52949	2-EV	533.00	286.00	289.13		289.16	0.001550	1.33	400.03	147.99	0.14
Bell-2-Gober	52799	100-EV	20303.00	286.00	297.17		297.72	0.006201	5.96	3408.54	399.82	0.36
Bell-2-Gober	52799	50-EV	17811.00	286.00	296.60		297.09	0.005889	5.59	3184.58	394.28	0.35

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	52799	25-EV	14903.00	286.00	295.90		296.31	0.005454	5.12	2909.47	387.09	0.33
Bell-2-Gober	52799	10-EV	7178.00	286.00	293.61		293.80	0.003714	3.49	2053.79	358.05	0.26
Bell-2-Gober	52799	5-EV	2428.00	286.00	291.20		291.26	0.001889	1.94	1249.89	305.29	0.17
Bell-2-Gober	52799	2-EV	533.00	286.00	288.98		288.99	0.000783	0.87	613.85	259.47	0.10
Bell-2-Gober	52649	100-EV	20303.00	286.00	296.44		296.84	0.004675	5.05	4019.42	546.24	0.33
Bell-2-Gober	52649	50-EV	17811.00	286.00	295.89		296.25	0.004562	4.78	3722.79	538.30	0.32
Bell-2-Gober	52649	25-EV	14903.00	286.00	295.22		295.52	0.004389	4.43	3362.47	528.79	0.31
Bell-2-Gober	52649	10-EV	7178.00	286.00	293.08		293.23	0.003576	3.17	2260.91	497.53	0.26
Bell-2-Gober	52649	5-EV	2428.00	286.00	290.89		290.94	0.002393	1.92	1262.47	415.74	0.19
Bell-2-Gober	52649	2-EV	533.00	286.00	288.84		288.85	0.001066	0.94	567.44	268.65	0.11
Bell-2-Gober	52424	100-EV	20303.00	286.00	295.64		295.90	0.003273	4.09	4961.87	714.49	0.27
Bell-2-Gober	52424	50-EV	17811.00	286.00	295.09		295.32	0.003302	3.90	4569.89	711.48	0.27
Bell-2-Gober	52424	25-EV	14903.00	286.00	294.42		294.62	0.003316	3.64	4093.14	706.62	0.27
Bell-2-Gober	52424	10-EV	7178.00	286.00	292.33		292.44	0.003259	2.72	2636.07	688.54	0.25
Bell-2-Gober	52424	5-EV	2428.00	286.00	290.21		290.27	0.003853	1.98	1225.70	578.59	0.24
Bell-2-Gober	52424	2-EV	533.00	286.00	288.46		288.48	0.002843	1.22	437.19	352.16	0.19
Bell-2-Gober	52274	100-EV	20303.00	286.00	295.13		295.41	0.003241	4.22	4808.44	683.99	0.28
Bell-2-Gober	52274	50-EV	17811.00	286.00	294.58		294.83	0.003241	4.02	4433.99	678.13	0.28
Bell-2-Gober	52274	25-EV	14903.00	286.00	293.91		294.13	0.003208	3.74	3983.87	671.01	0.27
Bell-2-Gober	52274	10-EV	7178.00	286.00	291.86		291.98	0.002918	2.73	2625.10	655.32	0.24
Bell-2-Gober	52274	5-EV	2428.00	286.00	289.62		289.68	0.003942	2.04	1191.48	574.78	0.25
Bell-2-Gober	52274	2-EV	533.00	286.00	287.77		287.82	0.007526	1.81	294.82	241.81	0.29
Bell-2-Gober	52124	100-EV	20043.00	284.17	294.65		294.91	0.003356	4.11	4871.12	695.69	0.27
Bell-2-Gober	52124	50-EV	17648.00	284.17	294.09		294.33	0.003393	3.93	4486.53	689.44	0.27
Bell-2-Gober	52124	25-EV	14799.00	284.17	293.43		293.63	0.003370	3.67	4031.05	680.92	0.27
Bell-2-Gober	52124	10-EV	7134.00	284.17	291.45		291.56	0.002675	2.61	2733.81	636.22	0.22
Bell-2-Gober	52124	5-EV	2400.00	284.17	289.05		289.10	0.003776	1.95	1233.41	583.27	0.24
Bell-2-Gober	52124	2-EV	520.00	284.17	286.97		287.01	0.004124	1.49	348.93	300.74	0.24
Bell-2-Gober	51974	100-EV	20043.00	284.00	293.76		294.17	0.007374	5.17	3874.70	654.18	0.37
Bell-2-Gober	51974	50-EV	17648.00	284.00	293.17		293.57	0.008048	5.06	3489.86	649.98	0.38
Bell-2-Gober	51974	25-EV	14799.00	284.00	292.48		292.85	0.008842	4.86	3043.25	643.24	0.39
Bell-2-Gober	51974	10-EV	7134.00	284.00	290.61		290.84	0.010280	3.84	1858.61	626.36	0.39
Bell-2-Gober	51974	5-EV	2400.00	284.00	288.04		288.22	0.010017	3.44	696.78	252.57	0.37
Bell-2-Gober	51974	2-EV	520.00	284.00	285.98		286.05	0.011224	2.17	239.62	188.33	0.34
Bell-2-Gober	51824	100-EV	20043.00	282.81	292.81		293.20	0.005684	5.05	3971.09	595.82	0.34
Bell-2-Gober	51824	50-EV	17648.00	282.81	292.12		292.50	0.006269	4.95	3562.89	592.56	0.36
Bell-2-Gober	51824	25-EV	14799.00	282.81	291.30		291.66	0.007087	4.80	3080.01	588.76	0.37
Bell-2-Gober	51824	10-EV	7134.00	282.81	289.14		289.38	0.009235	3.92	1820.46	578.65	0.39
Bell-2-Gober	51824	5-EV	2400.00	282.81	286.74		286.90	0.007780	3.24	740.83	265.28	0.34
Bell-2-Gober	51824	2-EV	520.00	282.81	284.91		284.95	0.005142	1.68	309.88	219.87	0.25
Bell-2-Gober	51674	100-EV	20043.00	281.57	292.17		292.48	0.003896	4.47	4488.52	611.66	0.29
Bell-2-Gober	51674	50-EV	17648.00	281.57	291.40		291.70	0.004325	4.39	4021.89	608.81	0.30
Bell-2-Gober	51674	25-EV	14799.00	281.57	290.47		290.75	0.005013	4.29	3453.19	605.32	0.32
Bell-2-Gober	51674	10-EV	7134.00	281.57	287.69		287.94	0.010061	3.98	1790.81	590.96	0.40
Bell-2-Gober	51674	5-EV	2400.00	281.57	285.23		285.44	0.012362	3.69	650.41	277.25	0.42
Bell-2-Gober	51674	2-EV	520.00	281.57	283.22		283.36	0.031881	3.06	169.93	196.96	0.58
Bell-2-Gober	51523	100-EV	20043.00	280.00	291.79		292.02	0.002199	3.83	5236.12	612.26	0.23
Bell-2-Gober	51523	50-EV	17648.00	280.00	291.00		291.21	0.002322	3.72	4750.08	607.46	0.23
Bell-2-Gober	51523	25-EV	14799.00	280.00	290.01		290.21	0.002485	3.56	4155.34	601.53	0.24
Bell-2-Gober	51523	10-EV	7134.00	280.00	286.95		287.09	0.003350	3.04	2346.40	580.05	0.27
Bell-2-Gober	51523	5-EV	2400.00	280.00	284.31		284.41	0.004114	2.59	925.79	373.65	0.29
Bell-2-Gober	51523	2-EV	520.00	280.00	282.17		282.21	0.003235	1.67	311.47	217.58	0.25
Bell-2-Gober	51374	100-EV	20043.00	280.00	291.50		291.72	0.001842	3.72	5391.39	588.70	0.22
Bell-2-Gober	51374	50-EV	17648.00	280.00	290.69		290.89	0.001926	3.59	4916.55	581.86	0.22
Bell-2-Gober	51374	25-EV	14799.00	280.00	289.69		289.87	0.002036	3.41	4337.75	572.92	0.22
Bell-2-Gober	51374	10-EV	7134.00	280.00	286.53		286.65	0.002641	2.80	2546.93	559.35	0.23
Bell-2-Gober	51374	5-EV	2400.00	280.00	283.78		283.86	0.003271	2.14	1120.64	430.40	0.23
Bell-2-Gober	51374	2-EV	520.00	280.00	281.77		281.79	0.002406	1.24	420.78	279.17	0.18
Bell-2-Gober	51224	100-EV	20043.00	278.43	291.22		291.44	0.001872	3.73	5371.78	581.10	0.22
Bell-2-Gober	51224	50-EV	17648.00	278.43	290.40		290.60	0.001928	3.60	4900.74	564.30	0.22
Bell-2-Gober	51224	25-EV	14799.00	278.43	289.39		289.57	0.001995	3.41	4336.07	551.77	0.21
Bell-2-Gober	51224	10-EV	7134.00	278.43	286.15		286.27	0.002399	2.76	2585.95	531.90	0.22
Bell-2-Gober	51224	5-EV	2400.00	278.43	283.28		283.35	0.003453	2.12	1130.93	482.71	0.24
Bell-2-Gober	51224	2-EV	520.00	278.43	281.09		281.14	0.009991	1.90	273.69	279.50	0.34
Bell-2-Gober	51074	100-EV	20043.00	277.24	290.89		291.12	0.002296	3.85	5210.24	554.70	0.22
Bell-2-Gober	51074	50-EV	17648.00	277.24	290.08		290.29	0.002153	3.69	4783.85	507.15	0.21
Bell-2-Gober	51074	25-EV	14799.00	277.24	289.07		289.25	0.002152	3.46	4275.44	496.84	0.21
Bell-2-Gober	51074	10-EV	7134.00	277.24	285.81		285.92	0.002207	2.65	2693.64	474.03	0.20
Bell-2-Gober	51074	5-EV	2400.00	277.24	282.90		282.95	0.002029	1.74	1380.00	426.55	0.17
Bell-2-Gober	51074	2-EV	520.00	277.24	280.37		280.39	0.002887	1.20	435.06	304.59	0.18

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	50923	100-EV	20043.00	276.00	290.43	283.77	290.73	0.002877	4.43	4519.85	667.14	0.26
Bell-2-Gober	50923	50-EV	17648.00	276.00	289.63	283.39	289.92	0.002844	4.26	4137.96	634.08	0.25
Bell-2-Gober	50923	25-EV	14799.00	276.00	288.63	282.93	288.88	0.002789	4.03	3676.13	596.50	0.25
Bell-2-Gober	50923	10-EV	7134.00	276.00	285.41	281.24	285.55	0.002591	3.07	2325.27	422.60	0.22
Bell-2-Gober	50923	5-EV	2400.00	276.00	282.57	279.57	282.63	0.002262	1.95	1232.67	374.79	0.19
Bell-2-Gober	50923	2-EV	520.00	276.00	280.04	277.97	280.06	0.001732	1.17	445.33	247.34	0.15
Bell-2-Gober	50774	100-EV	20043.00	275.93	289.54		290.16	0.004755	6.28	3191.06	368.34	0.38
Bell-2-Gober	50774	50-EV	17648.00	275.93	288.78		289.35	0.004788	6.06	2912.11	357.00	0.37
Bell-2-Gober	50774	25-EV	14799.00	275.93	287.80		288.32	0.004832	5.76	2571.26	343.55	0.37
Bell-2-Gober	50774	10-EV	7134.00	275.93	284.71		285.03	0.004724	4.50	1584.79	301.69	0.35
Bell-2-Gober	50774	5-EV	2400.00	275.93	282.02		282.16	0.004460	2.96	809.86	274.62	0.30
Bell-2-Gober	50774	2-EV	520.00	275.93	279.56		279.64	0.005323	2.25	231.09	149.90	0.32
Bell-2-Gober	50624	100-EV	20043.00	275.53	288.92		289.48	0.004152	5.99	3343.60	377.83	0.36
Bell-2-Gober	50624	50-EV	17648.00	275.53	288.13		288.65	0.004265	5.79	3050.20	370.95	0.36
Bell-2-Gober	50624	25-EV	14799.00	275.53	287.14		287.61	0.004458	5.51	2684.11	362.89	0.36
Bell-2-Gober	50624	10-EV	7134.00	275.53	283.94		284.26	0.005584	4.55	1566.89	334.80	0.37
Bell-2-Gober	50624	5-EV	2400.00	275.53	281.14		281.33	0.007034	3.50	685.84	264.97	0.38
Bell-2-Gober	50624	2-EV	520.00	275.53	278.66		278.79	0.005943	2.87	181.05	97.21	0.37
Bell-2-Gober	50399	100-EV	20043.00	273.89	288.41		288.72	0.002298	4.52	4434.23	441.36	0.25
Bell-2-Gober	50399	50-EV	17648.00	273.89	287.61		287.90	0.002310	4.32	4082.80	435.76	0.25
Bell-2-Gober	50399	25-EV	14799.00	273.89	286.58		286.84	0.002333	4.07	3640.19	427.94	0.25
Bell-2-Gober	50399	10-EV	7134.00	273.89	283.26		283.41	0.002450	3.15	2261.17	399.75	0.23
Bell-2-Gober	50399	5-EV	2400.00	273.89	280.42		280.49	0.002158	2.07	1160.75	377.96	0.21
Bell-2-Gober	50399	2-EV	520.00	273.89	278.24		278.26	0.001149	1.18	441.09	221.39	0.15
Bell-2-Gober	50174	100-EV	20043.00	276.00	287.65		288.10	0.003194	5.38	3724.56	401.38	0.31
Bell-2-Gober	50174	50-EV	17648.00	276.00	286.85		287.27	0.003248	5.18	3405.92	393.77	0.31
Bell-2-Gober	50174	25-EV	14799.00	276.00	285.83		286.20	0.003316	4.92	3007.08	382.88	0.31
Bell-2-Gober	50174	10-EV	7134.00	276.00	282.46		282.71	0.003923	4.02	1773.22	350.83	0.32
Bell-2-Gober	50174	5-EV	2400.00	276.00	279.65		279.78	0.004759	2.87	834.98	318.12	0.31
Bell-2-Gober	50174	2-EV	520.00	276.00	277.75		277.80	0.004575	1.82	284.98	215.22	0.28
Bell-2-Gober	50025	100-EV	20043.00	273.43	287.23		287.65	0.002800	5.17	3880.45	425.30	0.30
Bell-2-Gober	50025	50-EV	17648.00	273.43	286.42		286.80	0.002909	4.99	3534.45	420.67	0.30
Bell-2-Gober	50025	25-EV	14799.00	273.43	285.36		285.72	0.003085	4.78	3096.33	412.98	0.31
Bell-2-Gober	50025	10-EV	7134.00	273.43	281.84		282.11	0.004130	4.15	1718.85	361.42	0.34
Bell-2-Gober	50025	5-EV	2400.00	273.43	278.82		278.99	0.005951	3.31	725.92	300.05	0.37
Bell-2-Gober	50025	2-EV	520.00	273.43	276.80		276.90	0.008310	2.49	208.91	179.19	0.41
Bell-2-Gober	49874	100-EV	20043.00	271.46	286.92		287.27	0.002046	4.75	4217.31	404.88	0.26
Bell-2-Gober	49874	50-EV	17648.00	271.46	286.10		286.42	0.002054	4.54	3885.81	400.85	0.26
Bell-2-Gober	49874	25-EV	14799.00	271.46	285.04		285.32	0.002073	4.27	3464.09	394.97	0.25
Bell-2-Gober	49874	10-EV	7134.00	271.46	281.43		281.61	0.002425	3.43	2079.61	371.79	0.26
Bell-2-Gober	49874	5-EV	2400.00	271.46	278.19		278.30	0.003456	2.60	924.54	333.00	0.27
Bell-2-Gober	49874	2-EV	520.00	271.46	275.87		275.93	0.004950	1.98	262.39	191.03	0.30
Bell-2-Gober	49724	100-EV	20043.00	271.01	286.51		286.92	0.002632	5.11	3920.73	394.30	0.29
Bell-2-Gober	49724	50-EV	17648.00	271.01	285.69		286.06	0.002669	4.91	3597.76	389.95	0.28
Bell-2-Gober	49724	25-EV	14799.00	271.01	284.62		284.96	0.002751	4.65	3185.41	384.51	0.28
Bell-2-Gober	49724	10-EV	7134.00	271.01	280.98		281.21	0.002947	3.85	1854.87	318.62	0.28
Bell-2-Gober	49724	5-EV	2400.00	271.01	277.50		277.65	0.005504	3.10	774.76	300.49	0.34
Bell-2-Gober	49724	2-EV	520.00	271.01	274.87		274.99	0.008363	2.75	188.87	126.43	0.40
Bell-2-Gober	49574	100-EV	20043.00	271.00	285.63		286.40	0.004087	7.01	2857.98	278.02	0.39
Bell-2-Gober	49574	50-EV	17648.00	271.00	284.85		285.55	0.003971	6.67	2643.99	272.40	0.38
Bell-2-Gober	49574	25-EV	14799.00	271.00	283.85		284.46	0.003683	6.23	2377.09	259.13	0.36
Bell-2-Gober	49574	10-EV	7134.00	271.00	280.43		280.76	0.002938	4.59	1552.86	228.00	0.31
Bell-2-Gober	49574	5-EV	2400.00	271.00	276.97		277.11	0.002523	3.00	799.34	205.68	0.27
Bell-2-Gober	49574	2-EV	520.00	271.00	274.02		274.09	0.004316	2.14	243.28	161.38	0.31
Bell-2-Gober	49425	100-EV	20043.00	270.15	284.68	279.47	285.64	0.006116	7.85	2554.84	241.14	0.42
Bell-2-Gober	49425	50-EV	17648.00	270.15	283.97	278.91	284.82	0.005801	7.40	2384.55	236.78	0.41
Bell-2-Gober	49425	25-EV	14799.00	270.15	283.07	278.20	283.79	0.005357	6.81	2173.50	231.21	0.39
Bell-2-Gober	49425	10-EV	7134.00	270.15	279.87	275.87	280.24	0.004073	4.87	1464.57	212.61	0.33
Bell-2-Gober	49425	5-EV	2400.00	270.15	276.55	273.61	276.70	0.003031	3.04	790.53	191.53	0.26
Bell-2-Gober	49425	2-EV	520.00	270.15	273.57	271.77	273.62	0.002366	1.81	286.55	138.32	0.22
Bell-2-Gober	49199	100-EV	20043.00	270.00	284.19		284.62	0.002594	5.25	3820.94	456.40	0.32
Bell-2-Gober	49199	50-EV	17648.00	270.00	283.44		283.84	0.002628	5.07	3481.90	442.14	0.32
Bell-2-Gober	49199	25-EV	14799.00	270.00	282.50		282.86	0.002634	4.78	3098.37	391.17	0.30
Bell-2-Gober	49199	10-EV	7134.00	270.00	279.17		279.41	0.003058	3.90	1831.09	369.98	0.31
Bell-2-Gober	49199	5-EV	2400.00	270.00	275.84		275.99	0.003190	3.13	767.35	218.62	0.29
Bell-2-Gober	49199	2-EV	520.00	270.00	272.96		273.03	0.002919	2.07	250.97	130.55	0.26
Bell-2-Gober	49049	100-EV	20043.00	270.00	283.96		284.24	0.001990	4.23	4735.42	503.04	0.24
Bell-2-Gober	49049	50-EV	17648.00	270.00	283.22		283.47	0.001777	4.03	4380.25	460.30	0.23
Bell-2-Gober	49049	25-EV	14799.00	270.00	282.29		282.50	0.001698	3.74	3955.33	449.14	0.22

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	49049	10-EV	7134.00	270.00	278.91		279.04	0.001749	2.88	2476.51	427.13	0.21
Bell-2-Gober	49049	5-EV	2400.00	270.00	275.38		275.47	0.003630	2.38	1008.91	402.44	0.26
Bell-2-Gober	49049	2-EV	520.00	270.00	272.30		272.41	0.006226	2.60	200.02	117.95	0.35
Bell-2-Gober	48824	100-EV	20043.00	269.00	283.52		283.77	0.002114	3.97	5049.44	481.23	0.22
Bell-2-Gober	48824	50-EV	17648.00	269.00	282.82		283.03	0.002040	3.75	4712.29	476.34	0.21
Bell-2-Gober	48824	25-EV	14799.00	269.00	281.90		282.08	0.001956	3.46	4277.21	470.88	0.20
Bell-2-Gober	48824	10-EV	7134.00	269.00	278.51		278.61	0.001944	2.63	2714.56	444.53	0.19
Bell-2-Gober	48824	5-EV	2400.00	269.00	274.56		274.63	0.003695	2.17	1106.21	379.51	0.22
Bell-2-Gober	48824	2-EV	520.00	269.00	271.22		271.31	0.003896	2.37	219.03	111.40	0.30
Bell-2-Gober	48524	100-EV	20043.00	267.01	282.57		282.98	0.003244	5.08	3945.07	392.38	0.28
Bell-2-Gober	48524	50-EV	17648.00	267.01	281.92		282.28	0.003082	4.78	3691.59	386.42	0.27
Bell-2-Gober	48524	25-EV	14799.00	267.01	281.07		281.37	0.002837	4.39	3368.19	374.48	0.26
Bell-2-Gober	48524	10-EV	7134.00	267.01	277.78		277.94	0.002575	3.26	2185.10	350.33	0.23
Bell-2-Gober	48524	5-EV	2400.00	267.01	273.54		273.66	0.002841	2.77	865.44	203.23	0.24
Bell-2-Gober	48524	2-EV	520.00	267.01	270.43		270.47	0.002034	1.63	318.47	145.47	0.19
Bell-2-Gober	48374	100-EV	20043.00	267.00	281.68	276.08	282.30	0.006002	6.35	3153.98	386.58	0.39
Bell-2-Gober	48374	50-EV	17648.00	267.00	281.07	275.52	281.63	0.005893	6.04	2919.80	378.87	0.38
Bell-2-Gober	48374	25-EV	14799.00	267.00	280.27	274.82	280.76	0.005756	5.64	2622.62	368.55	0.37
Bell-2-Gober	48374	10-EV	7134.00	267.00	277.19	272.31	277.48	0.003496	4.31	1655.67	229.66	0.28
Bell-2-Gober	48374	5-EV	2400.00	267.00	273.03	270.12	273.18	0.003590	3.12	788.55	177.54	0.26
Bell-2-Gober	48374	2-EV	520.00	267.00	270.05	268.44	270.10	0.003068	1.83	283.89	137.35	0.22
Bell-2-Gober	48224	100-EV	20043.00	266.00	280.07	276.93	281.01	0.012525	7.78	2576.60	365.19	0.52
Bell-2-Gober	48224	50-EV	17648.00	266.00	279.50	276.42	280.36	0.012374	7.44	2371.48	354.38	0.51
Bell-2-Gober	48224	25-EV	14799.00	266.00	278.77	275.67	279.53	0.012099	6.99	2115.88	338.85	0.49
Bell-2-Gober	48224	10-EV	7134.00	266.00	276.16	271.95	276.62	0.010591	5.40	1321.75	271.70	0.43
Bell-2-Gober	48224	5-EV	2400.00	266.00	272.42	269.33	272.63	0.003615	3.69	650.10	133.62	0.30
Bell-2-Gober	48224	2-EV	520.00	266.00	269.76	267.60	269.80	0.001408	1.62	320.29	115.34	0.17
Bell-2-Gober	47999	100-EV	20043.00	266.00	278.59	275.12	279.16	0.005228	6.07	3299.79	485.70	0.41
Bell-2-Gober	47999	50-EV	17648.00	266.00	278.03	274.70	278.55	0.005103	5.82	3030.56	475.82	0.41
Bell-2-Gober	47999	25-EV	14799.00	266.00	277.31	274.19	277.78	0.004917	5.49	2694.60	464.74	0.40
Bell-2-Gober	47999	10-EV	7134.00	266.00	274.88	271.69	275.18	0.004041	4.40	1622.55	396.72	0.38
Bell-2-Gober	47999	5-EV	2400.00	266.00	271.47	269.72	271.69	0.004843	3.76	638.06	197.15	0.37
Bell-2-Gober	47999	2-EV	520.00	266.00	269.20	267.82	269.28	0.004228	2.30	225.79	165.79	0.35
Bell-2-Gober	47774	100-EV	20043.00	265.00	277.13	274.03	277.73	0.007941	6.24	3212.42	485.03	0.43
Bell-2-Gober	47774	50-EV	17648.00	265.00	276.58	273.68	277.14	0.008058	5.99	2948.25	478.41	0.43
Bell-2-Gober	47774	25-EV	14799.00	265.00	275.88	273.24	276.38	0.008231	5.65	2618.40	469.75	0.42
Bell-2-Gober	47774	10-EV	7134.00	265.00	273.42	270.66	273.77	0.011009	4.75	1501.99	431.53	0.45
Bell-2-Gober	47774	5-EV	2400.00	265.00	270.08	268.69	270.36	0.007398	4.23	567.79	191.33	0.43
Bell-2-Gober	47774	2-EV	520.00	265.00	267.99	267.14	268.09	0.007027	2.58	201.85	142.60	0.38
Bell-2-Gober	47625	100-EV	20043.00	263.00	276.12		276.61	0.006598	5.61	3574.13	555.69	0.39
Bell-2-Gober	47625	50-EV	17648.00	263.00	275.52		275.98	0.006960	5.44	3242.53	548.12	0.39
Bell-2-Gober	47625	25-EV	14799.00	263.00	274.74		275.17	0.007668	5.26	2815.33	538.18	0.41
Bell-2-Gober	47625	10-EV	7134.00	263.00	271.67		272.12	0.010890	5.37	1327.75	355.18	0.49
Bell-2-Gober	47625	5-EV	2400.00	263.00	268.72		269.06	0.010161	4.62	519.04	199.30	0.51
Bell-2-Gober	47625	2-EV	520.00	263.00	266.65		266.81	0.010572	3.21	161.79	113.38	0.47
Bell-2-Gober	47474	100-EV	20043.00	261.07	274.97		275.68	0.005494	6.78	2956.44	473.41	0.48
Bell-2-Gober	47474	50-EV	17648.00	261.07	274.34		275.02	0.005570	6.62	2664.92	456.77	0.48
Bell-2-Gober	47474	25-EV	14799.00	261.07	273.49		274.14	0.005797	6.48	2284.44	436.90	0.50
Bell-2-Gober	47474	10-EV	7134.00	261.07	270.42		270.89	0.006249	5.48	1302.37	279.27	0.45
Bell-2-Gober	47474	5-EV	2400.00	261.07	267.33		267.66	0.008371	4.60	521.48	182.55	0.48
Bell-2-Gober	47474	2-EV	520.00	261.07	264.47		264.75	0.018046	4.26	122.17	83.91	0.62
Bell-2-Gober	47324	100-EV	20043.00	260.02	273.81		274.70	0.007665	7.58	2645.20	425.23	0.54
Bell-2-Gober	47324	50-EV	17648.00	260.02	273.23		274.07	0.007194	7.32	2412.51	384.61	0.51
Bell-2-Gober	47324	25-EV	14799.00	260.02	272.48		273.22	0.006442	6.91	2142.07	330.02	0.48
Bell-2-Gober	47324	10-EV	7134.00	260.02	269.57		270.03	0.005331	5.43	1313.14	257.41	0.42
Bell-2-Gober	47324	5-EV	2400.00	260.02	266.41		266.66	0.005264	3.99	601.14	189.47	0.40
Bell-2-Gober	47324	2-EV	520.00	260.02	263.37		263.48	0.004602	2.64	197.04	99.76	0.33
Bell-2-Gober	47174	100-EV	20043.00	258.76	270.25	270.25	272.60	0.027019	12.30	1628.92	351.89	1.01
Bell-2-Gober	47174	50-EV	17648.00	258.76	269.75	269.75	272.02	0.028282	12.09	1459.40	321.32	1.00
Bell-2-Gober	47174	25-EV	14799.00	258.76	269.02	269.02	271.23	0.032050	11.94	1239.32	283.09	1.01
Bell-2-Gober	47174	10-EV	7134.00	258.76	266.44	266.44	268.22	0.036704	10.72	665.58	187.96	1.00
Bell-2-Gober	47174	5-EV	2400.00	258.76	263.58	263.58	264.86	0.039945	9.07	264.55	104.07	1.00
Bell-2-Gober	47174	2-EV	520.00	258.76	261.12	261.12	261.81	0.048857	6.65	78.18	58.68	1.02
Bell-2-Gober	47059	100-EV	20043.00	254.20	269.90	264.24	271.01	0.003777	8.43	2377.35	200.46	0.43
Bell-2-Gober	47059	50-EV	17648.00	254.20	268.78	263.61	269.82	0.003947	8.19	2155.44	196.04	0.44
Bell-2-Gober	47059	25-EV	14799.00	254.20	267.33	262.82	268.30	0.004254	7.89	1875.48	190.34	0.44
Bell-2-Gober	47059	10-EV	7134.00	254.20	263.07	260.26	263.72	0.005237	6.49	1098.99	173.65	0.45
Bell-2-Gober	47059	5-EV	2400.00	254.20	259.50	257.44	259.84	0.006038	4.67	514.45	144.61	0.44
Bell-2-Gober	47059	2-EV	520.00	254.20	256.91	255.59	257.00	0.003587	2.46	211.21	98.71	0.30

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	46994		Bridge									
Bell-2-Gober	46931	100-EV	20043.00	251.76	266.65		267.88	0.004325	8.92	2246.83	181.04	0.45
Bell-2-Gober	46931	50-EV	17648.00	251.76	265.45		266.62	0.004550	8.68	2032.31	176.69	0.45
Bell-2-Gober	46931	25-EV	14799.00	251.76	263.88		264.98	0.004964	8.40	1760.79	171.03	0.46
Bell-2-Gober	46931	10-EV	7134.00	251.76	259.36		260.12	0.006220	6.96	1024.86	154.65	0.48
Bell-2-Gober	46931	5-EV	2400.00	251.76	255.94		256.28	0.006244	4.64	517.05	142.25	0.43
Bell-2-Gober	46931	2-EV	520.00	251.76	253.62		253.73	0.006283	2.63	197.93	127.67	0.37
Bell-2-Gober	46887	100-EV	20043.00	251.57	266.71	260.20	267.50	0.003138	7.13	2811.05	304.59	0.37
Bell-2-Gober	46887	50-EV	17648.00	251.57	265.48	259.53	266.24	0.003381	7.02	2515.04	296.18	0.38
Bell-2-Gober	46887	25-EV	14799.00	251.57	263.87	258.73	264.62	0.003842	6.94	2132.76	284.50	0.41
Bell-2-Gober	46887	10-EV	7134.00	251.57	259.18	256.17	259.80	0.005244	6.27	1138.45	176.42	0.43
Bell-2-Gober	46887	5-EV	2400.00	251.57	255.71	253.99	256.00	0.005430	4.28	560.18	157.30	0.40
Bell-2-Gober	46887	2-EV	520.00	251.57	253.34	252.63	253.45	0.006505	2.55	203.69	142.36	0.38
Bell-2-Gober	46841	100-EV	20043.00	251.38	266.78	258.94	267.29	0.002432	5.72	3503.59	352.82	0.29
Bell-2-Gober	46841	50-EV	17648.00	251.38	265.53	258.36	266.03	0.002681	5.62	3138.08	342.48	0.30
Bell-2-Gober	46841	25-EV	14799.00	251.38	263.90	257.64	264.38	0.003161	5.55	2667.28	332.70	0.32
Bell-2-Gober	46841	10-EV	7134.00	251.38	259.15	255.38	259.54	0.003531	4.99	1430.15	215.08	0.34
Bell-2-Gober	46841	5-EV	2400.00	251.38	255.60	253.49	255.78	0.003245	3.36	714.41	191.67	0.31
Bell-2-Gober	46841	2-EV	520.00	251.38	253.13	252.35	253.20	0.004293	2.04	254.40	179.49	0.30
Bell-2-Gober	46786	100-EV	20043.00	251.14	266.81		267.13	0.001493	4.56	4454.27	476.65	0.25
Bell-2-Gober	46786	50-EV	17648.00	251.14	265.54		265.86	0.001749	4.58	3860.13	443.18	0.26
Bell-2-Gober	46786	25-EV	14799.00	251.14	263.87		264.20	0.001964	4.63	3197.84	365.53	0.28
Bell-2-Gober	46786	10-EV	7134.00	251.14	259.08		259.36	0.002210	4.19	1702.02	246.56	0.28
Bell-2-Gober	46786	5-EV	2400.00	251.14	255.51		255.63	0.002023	2.76	870.55	222.17	0.25
Bell-2-Gober	46786	2-EV	520.00	251.14	252.99		253.03	0.002291	1.60	325.24	207.33	0.23
Bell-2-Gober	46738	100-EV	20043.00	250.34	266.78		267.04	0.001552	4.09	4901.62	515.67	0.23
Bell-2-Gober	46738	50-EV	17648.00	250.34	265.49		265.76	0.001604	4.14	4284.19	470.31	0.24
Bell-2-Gober	46738	25-EV	14799.00	250.34	263.83		264.10	0.001591	4.16	3558.69	386.24	0.24
Bell-2-Gober	46738	10-EV	7134.00	250.34	259.04		259.24	0.001495	3.60	1980.46	269.29	0.23
Bell-2-Gober	46738	5-EV	2400.00	250.34	255.46		255.54	0.001240	2.28	1053.19	248.51	0.20
Bell-2-Gober	46738	2-EV	520.00	250.34	252.93		252.96	0.000870	1.15	450.66	226.78	0.14
Bell-2-Gober	46499	100-EV	20043.00	249.00	266.46		266.72	0.001124	4.13	4849.56	524.95	0.24
Bell-2-Gober	46499	50-EV	17648.00	249.00	265.14		265.42	0.001294	4.19	4210.16	449.74	0.24
Bell-2-Gober	46499	25-EV	14799.00	249.00	263.47		263.74	0.001407	4.18	3539.32	387.14	0.24
Bell-2-Gober	46499	10-EV	7134.00	249.00	258.50		258.77	0.002650	4.14	1724.00	295.91	0.30
Bell-2-Gober	46499	5-EV	2400.00	249.00	254.80		254.99	0.005368	3.46	693.05	261.33	0.37
Bell-2-Gober	46499	2-EV	520.00	249.00	252.34		252.47	0.008609	2.84	182.91	132.28	0.43
Bell-2-Gober	46348	100-EV	20043.00	248.10	266.30		266.49	0.001721	3.48	5754.87	629.47	0.20
Bell-2-Gober	46348	50-EV	17648.00	248.10	264.94		265.14	0.002219	3.60	4903.05	620.75	0.23
Bell-2-Gober	46348	25-EV	14799.00	248.10	263.19		263.42	0.003163	3.85	3841.45	573.14	0.26
Bell-2-Gober	46348	10-EV	7134.00	248.10	258.07		258.31	0.003357	3.93	1816.39	358.01	0.31
Bell-2-Gober	46348	5-EV	2400.00	248.10	253.85		254.08	0.006722	3.79	633.97	238.00	0.41
Bell-2-Gober	46348	2-EV	520.00	248.10	251.33		251.42	0.005551	2.49	209.14	125.23	0.34
Bell-2-Gober	46198	100-EV	20043.00	247.20	265.89		266.18	0.002429	4.28	4677.78	576.34	0.27
Bell-2-Gober	46198	50-EV	17648.00	247.20	264.48		264.79	0.002335	4.47	3951.98	457.32	0.27
Bell-2-Gober	46198	25-EV	14799.00	247.20	262.79		263.10	0.001517	4.46	3314.73	290.99	0.23
Bell-2-Gober	46198	10-EV	7134.00	247.20	257.71		257.93	0.001926	3.76	1896.67	269.85	0.25
Bell-2-Gober	46198	5-EV	2400.00	247.20	253.11		253.29	0.004125	3.33	719.74	223.57	0.33
Bell-2-Gober	46198	2-EV	520.00	247.20	250.30		250.42	0.008227	2.80	185.96	126.37	0.41
Bell-2-Gober	46048	100-EV	20043.00	245.37	265.52		265.88	0.001548	4.86	4126.81	498.55	0.30
Bell-2-Gober	46048	50-EV	17648.00	245.37	264.07		264.48	0.001794	5.13	3439.81	441.50	0.32
Bell-2-Gober	46048	25-EV	14799.00	245.37	262.37		262.82	0.002084	5.37	2754.26	336.85	0.33
Bell-2-Gober	46048	10-EV	7134.00	245.37	257.20		257.57	0.002968	4.88	1462.77	216.87	0.33
Bell-2-Gober	46048	5-EV	2400.00	245.37	252.38		252.64	0.004402	4.06	590.63	149.14	0.36
Bell-2-Gober	46048	2-EV	520.00	245.37	249.35		249.46	0.005152	2.66	195.29	105.71	0.35
Bell-2-Gober	45898	100-EV	20043.00	245.00	265.26	255.89	265.67	0.001244	5.14	3897.35	282.10	0.24
Bell-2-Gober	45898	50-EV	17648.00	245.00	263.85	255.37	264.24	0.001345	5.04	3503.92	273.64	0.25
Bell-2-Gober	45898	25-EV	14799.00	245.00	262.17	254.70	262.53	0.001470	4.85	3051.67	265.91	0.25
Bell-2-Gober	45898	10-EV	7134.00	245.00	256.88	251.85	257.16	0.002211	4.21	1693.61	247.83	0.28
Bell-2-Gober	45898	5-EV	2400.00	245.00	251.77	249.40	252.00	0.004010	3.86	622.07	160.42	0.35
Bell-2-Gober	45898	2-EV	520.00	245.00	248.43	247.26	248.57	0.006756	2.99	173.67	97.02	0.39
Bell-2-Gober	45748	100-EV	20043.00	245.00	264.92		265.42	0.002146	5.68	3527.25	286.06	0.29
Bell-2-Gober	45748	50-EV	17648.00	245.00	263.49		263.98	0.002099	5.62	3139.76	257.27	0.28
Bell-2-Gober	45748	25-EV	14799.00	245.00	261.81		262.27	0.002056	5.43	2726.11	235.43	0.28
Bell-2-Gober	45748	10-EV	7134.00	245.00	256.51		256.82	0.002204	4.49	1588.29	200.06	0.28
Bell-2-Gober	45748	5-EV	2400.00	245.00	251.24		251.46	0.003241	3.74	641.92	144.76	0.31
Bell-2-Gober	45748	2-EV	520.00	245.00	247.80		247.89	0.003220	2.39	217.28	96.75	0.28
Bell-2-Gober	45598	100-EV	20043.00	244.12	263.16	258.12	264.81	0.005737	10.30	1945.60	202.66	0.59
Bell-2-Gober	45598	50-EV	17648.00	244.12	261.47	257.06	263.32	0.006754	10.92	1616.56	187.19	0.65

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	45598	25-EV	14799.00	244.12	259.63	255.66	261.58	0.007525	11.20	1321.37	136.13	0.63
Bell-2-Gober	45598	10-EV	7134.00	244.12	254.95	251.68	256.18	0.007272	8.88	803.31	94.50	0.54
Bell-2-Gober	45598	5-EV	2400.00	244.12	250.04	248.14	250.67	0.008522	6.37	376.95	78.88	0.51
Bell-2-Gober	45598	2-EV	520.00	244.12	247.10	245.84	247.26	0.005333	3.22	161.69	67.26	0.37
Bell-2-Gober	45523	100-EV	20043.00	243.97	262.82	255.98	264.29	0.006833	9.74	2058.44	257.60	0.49
Bell-2-Gober	45523	50-EV	17648.00	243.97	261.22	255.13	262.71	0.006824	9.78	1805.14	226.16	0.49
Bell-2-Gober	45523	25-EV	14799.00	243.97	259.49	254.03	260.88	0.006657	9.48	1561.83	201.16	0.49
Bell-2-Gober	45523	10-EV	7134.00	243.97	254.79	250.53	255.59	0.005240	7.18	993.43	130.26	0.43
Bell-2-Gober	45523	5-EV	2400.00	243.97	249.62	247.49	250.06	0.006482	5.32	450.85	97.50	0.44
Bell-2-Gober	45523	2-EV	520.00	243.97	246.77	245.52	246.89	0.004450	2.75	189.17	85.07	0.32
Bell-2-Gober	45373	100-EV	20266.00	243.00	262.57		263.45	0.003133	7.53	2692.99	189.51	0.35
Bell-2-Gober	45373	50-EV	17828.00	243.00	260.98		261.83	0.003271	7.43	2399.66	179.68	0.36
Bell-2-Gober	45373	25-EV	14942.00	243.00	259.22		260.02	0.003351	7.14	2093.20	171.46	0.36
Bell-2-Gober	45373	10-EV	7102.00	243.00	254.46		254.91	0.002941	5.39	1316.45	153.84	0.33
Bell-2-Gober	45373	5-EV	2468.00	243.00	248.79		249.14	0.005526	4.72	522.91	123.89	0.41
Bell-2-Gober	45373	2-EV	614.00	243.00	245.63		245.84	0.011044	3.66	167.70	100.11	0.50
Bell-2-Gober	45298	100-EV	20266.00	242.01	262.53		263.18	0.002304	6.46	3137.74	216.17	0.30
Bell-2-Gober	45298	50-EV	17828.00	242.01	260.93		261.56	0.002401	6.36	2802.18	203.79	0.30
Bell-2-Gober	45298	25-EV	14942.00	242.01	259.16		259.74	0.002422	6.09	2454.38	191.76	0.30
Bell-2-Gober	45298	10-EV	7102.00	242.01	254.38		254.69	0.001981	4.47	1588.75	171.24	0.26
Bell-2-Gober	45298	5-EV	2468.00	242.01	248.56		248.77	0.003419	3.74	659.43	144.84	0.31
Bell-2-Gober	45298	2-EV	614.00	242.01	244.84		245.02	0.010503	3.49	176.15	108.80	0.48
Bell-2-Gober	45147	100-EV	20266.00	240.09	262.46		262.84	0.001327	4.93	4112.73	272.58	0.22
Bell-2-Gober	45147	50-EV	17828.00	240.09	260.87		261.23	0.001191	4.81	3708.74	242.38	0.22
Bell-2-Gober	45147	25-EV	14942.00	240.09	259.10		259.42	0.001140	4.54	3290.13	231.22	0.21
Bell-2-Gober	45147	10-EV	7102.00	240.09	254.30		254.46	0.000846	3.19	2223.47	214.89	0.18
Bell-2-Gober	45147	5-EV	2468.00	240.09	248.37		248.47	0.001116	2.43	1014.50	190.44	0.19
Bell-2-Gober	45147	2-EV	614.00	240.09	243.76		243.88	0.005620	2.72	225.64	125.86	0.36
Bell-2-Gober	44998	100-EV	20266.00	239.12	262.06		262.53	0.003291	5.52	3670.53	348.89	0.30
Bell-2-Gober	44998	50-EV	17828.00	239.12	260.50		260.98	0.002125	5.56	3204.19	253.86	0.28
Bell-2-Gober	44998	25-EV	14942.00	239.12	258.73		259.18	0.002029	5.38	2778.76	232.24	0.27
Bell-2-Gober	44998	10-EV	7102.00	239.12	254.05		254.29	0.001270	3.97	1789.93	179.93	0.22
Bell-2-Gober	44998	5-EV	2468.00	239.12	248.17		248.30	0.001104	2.82	874.21	133.79	0.19
Bell-2-Gober	44998	2-EV	614.00	239.12	243.23		243.31	0.002645	2.27	270.74	112.54	0.26
Bell-2-Gober	44848	100-EV	20266.00	238.00	260.65		261.73	0.008135	8.33	2432.03	216.59	0.44
Bell-2-Gober	44848	50-EV	17828.00	238.00	259.32		260.38	0.007536	8.25	2159.89	191.64	0.43
Bell-2-Gober	44848	25-EV	14942.00	238.00	257.60		258.61	0.007102	8.06	1853.37	170.29	0.43
Bell-2-Gober	44848	10-EV	7102.00	238.00	253.39		253.93	0.004635	5.93	1198.08	140.27	0.36
Bell-2-Gober	44848	5-EV	2468.00	238.00	247.76		248.04	0.002472	4.27	577.52	83.15	0.29
Bell-2-Gober	44848	2-EV	614.00	238.00	242.78		242.91	0.002598	2.84	216.24	62.84	0.27
Bell-2-Gober	44698	100-EV	20266.00	237.06	259.50		260.55	0.007597	8.22	2465.47	212.78	0.43
Bell-2-Gober	44698	50-EV	17828.00	237.06	258.32		259.31	0.006587	8.00	2228.77	186.35	0.41
Bell-2-Gober	44698	25-EV	14942.00	237.06	256.72		257.63	0.005784	7.63	1957.51	163.47	0.39
Bell-2-Gober	44698	10-EV	7102.00	237.06	252.89		253.31	0.003418	5.21	1364.29	145.53	0.30
Bell-2-Gober	44698	5-EV	2468.00	237.06	247.43		247.64	0.002619	3.68	670.69	96.18	0.25
Bell-2-Gober	44698	2-EV	614.00	237.06	242.45		242.53	0.002307	2.34	262.44	68.54	0.21
Bell-2-Gober	44548	100-EV	20266.00	236.97	258.60		259.38	0.006975	7.08	2863.95	303.18	0.41
Bell-2-Gober	44548	50-EV	17828.00	236.97	257.55		258.30	0.005915	6.92	2577.02	241.31	0.37
Bell-2-Gober	44548	25-EV	14942.00	236.97	256.17		256.83	0.004066	6.53	2288.22	194.36	0.34
Bell-2-Gober	44548	10-EV	7102.00	236.97	252.52		252.83	0.002604	4.43	1602.02	181.81	0.26
Bell-2-Gober	44548	5-EV	2468.00	236.97	247.16		247.31	0.001706	3.10	795.96	102.42	0.20
Bell-2-Gober	44548	2-EV	614.00	236.97	242.20		242.25	0.001476	1.85	331.71	84.39	0.16
Bell-2-Gober	44398	100-EV	20266.00	236.20	255.77	253.72	257.87	0.012467	11.62	1744.71	206.91	0.71
Bell-2-Gober	44398	50-EV	17828.00	236.20	254.74	253.17	256.84	0.014460	11.62	1534.55	200.27	0.74
Bell-2-Gober	44398	25-EV	14942.00	236.20	253.47	252.31	255.57	0.017586	11.61	1286.48	191.64	0.79
Bell-2-Gober	44398	10-EV	7102.00	236.20	249.69	249.62	251.70	0.033177	11.38	624.28	150.25	0.98
Bell-2-Gober	44398	5-EV	2468.00	236.20	244.67	243.92	246.50	0.023504	10.86	227.27	42.94	0.83
Bell-2-Gober	44398	2-EV	614.00	236.20	240.92		241.64	0.019008	6.80	90.30	30.12	0.69
Bell-2-Gober	44248	100-EV	20266.00	236.01	249.91	249.91	255.02	0.024485	18.13	1117.80	110.69	1.01
Bell-2-Gober	44248	50-EV	17828.00	236.01	248.97	248.97	253.76	0.025122	17.57	1014.95	107.09	1.01
Bell-2-Gober	44248	25-EV	14942.00	236.01	247.77	247.77	252.15	0.026152	16.80	889.34	102.51	1.01
Bell-2-Gober	44248	10-EV	7102.00	236.01	243.89	243.89	246.81	0.030787	13.71	518.17	89.06	1.00
Bell-2-Gober	44248	5-EV	2468.00	236.01	240.45	240.45	242.11	0.036347	10.34	238.77	72.04	1.00
Bell-2-Gober	44248	2-EV	614.00	236.01	238.81		239.16	0.013282	4.71	130.39	60.62	0.57
Bell-2-Gober	44098	100-EV	20266.00	235.16	243.45		244.86	0.014818	9.52	2127.68	328.02	0.66
Bell-2-Gober	44098	50-EV	17828.00	235.16	243.01		244.26	0.014309	9.00	1981.30	325.08	0.64
Bell-2-Gober	44098	25-EV	14942.00	235.16	242.44		243.51	0.013654	8.32	1796.63	321.62	0.62
Bell-2-Gober	44098	10-EV	7102.00	235.16	240.51		241.07	0.011332	5.97	1190.12	309.33	0.54
Bell-2-Gober	44098	5-EV	2468.00	235.16	238.77		238.99	0.008855	3.72	663.40	295.72	0.44
Bell-2-Gober	44098	2-EV	614.00	235.16	237.48		237.55	0.008048	2.12	289.49	282.99	0.37

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	43948	100-EV	20266.00	234.11	242.27	239.94	243.10	0.007927	7.30	2775.62	440.65	0.51
Bell-2-Gober	43948	50-EV	17828.00	234.11	241.81	239.60	242.56	0.007833	6.93	2571.98	438.30	0.50
Bell-2-Gober	43948	25-EV	14942.00	234.11	241.22	239.17	241.87	0.007707	6.45	2316.32	435.32	0.49
Bell-2-Gober	43948	10-EV	7102.00	234.11	239.31	237.83	239.67	0.007211	4.75	1494.47	425.76	0.45
Bell-2-Gober	43948	5-EV	2468.00	234.11	237.66	236.69	237.81	0.006784	3.09	797.91	416.04	0.39
Bell-2-Gober	43948	2-EV	614.00	234.11	236.47	235.85	236.53	0.005849	1.84	334.05	340.65	0.33
Bell-2-Gober	43798	100-EV	20266.00	232.25	241.15	238.75	241.88	0.008021	6.86	2955.39	481.59	0.49
Bell-2-Gober	43798	50-EV	17828.00	232.25	240.69	238.43	241.35	0.007964	6.52	2734.96	479.08	0.48
Bell-2-Gober	43798	25-EV	14942.00	232.25	240.11	238.02	240.69	0.007894	6.08	2457.80	475.91	0.47
Bell-2-Gober	43798	10-EV	7102.00	232.25	238.24	236.76	238.55	0.007534	4.51	1575.92	465.04	0.43
Bell-2-Gober	43798	5-EV	2468.00	232.25	236.66	235.62	236.79	0.006820	2.90	851.34	454.99	0.37
Bell-2-Gober	43798	2-EV	614.00	232.25	235.23	234.64	235.31	0.012131	2.27	270.92	316.46	0.43
Bell-2-Gober	43573	100-EV	20266.00	228.57	239.39	236.94	240.03	0.008102	6.44	3146.10	534.04	0.47
Bell-2-Gober	43573	50-EV	17828.00	228.57	238.93	236.64	239.51	0.008117	6.15	2899.95	529.83	0.46
Bell-2-Gober	43573	25-EV	14942.00	228.57	238.34	236.26	238.85	0.008184	5.77	2588.67	524.45	0.46
Bell-2-Gober	43573	10-EV	7102.00	228.57	236.36	234.89	236.67	0.009220	4.53	1568.90	505.28	0.45
Bell-2-Gober	43573	5-EV	2468.00	228.57	234.21	233.08	234.47	0.016995	4.09	603.09	345.17	0.55
Bell-2-Gober	43573	2-EV	614.00	228.57	231.56	230.61	231.84	0.019791	4.20	146.09	64.85	0.49
Bell-2-Gober	43423	100-EV	20266.00	226.06	238.14	235.60	238.78	0.008645	6.40	3165.58	576.75	0.46
Bell-2-Gober	43423	50-EV	17828.00	226.06	237.69	235.29	238.26	0.008484	6.08	2930.28	567.78	0.45
Bell-2-Gober	43423	25-EV	14942.00	226.06	237.11	234.88	237.62	0.008253	5.67	2633.01	556.35	0.44
Bell-2-Gober	43423	10-EV	7102.00	226.06	235.15	233.30	235.45	0.007243	4.35	1634.33	500.35	0.42
Bell-2-Gober	43423	5-EV	2468.00	226.06	232.53	230.26	232.79	0.007922	4.02	613.88	198.48	0.40
Bell-2-Gober	43423	2-EV	614.00	226.06	229.90	228.35	230.00	0.007944	2.53	242.85	121.20	0.31
Bell-2-Gober	43273	100-EV	20266.00	226.00	236.45	234.74	237.24	0.012086	7.15	2832.82	600.75	0.56
Bell-2-Gober	43273	50-EV	17828.00	226.00	235.98	234.45	236.72	0.012444	6.93	2571.25	590.22	0.57
Bell-2-Gober	43273	25-EV	14942.00	226.00	235.38	234.06	236.07	0.012986	6.66	2242.70	577.76	0.58
Bell-2-Gober	43273	10-EV	7102.00	226.00	233.30	232.60	233.88	0.015758	6.09	1165.56	469.75	0.68
Bell-2-Gober	43273	5-EV	2468.00	226.00	230.96	229.12	231.34	0.011884	4.95	498.75	130.72	0.45
Bell-2-Gober	43273	2-EV	614.00	226.00	228.62	227.39	228.74	0.008887	2.76	222.47	104.77	0.33
Bell-2-Gober	43123	100-EV	20266.00	224.06	235.34	232.44	235.85	0.006574	5.75	3524.25	681.92	0.41
Bell-2-Gober	43123	50-EV	17828.00	224.06	234.87	232.12	235.33	0.006442	5.49	3248.04	639.67	0.41
Bell-2-Gober	43123	25-EV	14942.00	224.06	234.27	231.72	234.68	0.006234	5.14	2904.83	614.16	0.40
Bell-2-Gober	43123	10-EV	7102.00	224.06	232.30	230.31	232.54	0.005091	3.91	1816.72	527.82	0.37
Bell-2-Gober	43123	5-EV	2468.00	224.06	230.14	227.83	230.29	0.004102	3.10	795.89	377.38	0.38
Bell-2-Gober	43123	2-EV	614.00	224.06	227.40	226.47	227.50	0.007743	2.54	241.75	144.30	0.35
Bell-2-Gober	42973	100-EV	20266.00	224.00	234.33	232.44	234.78	0.007486	5.38	3765.94	639.51	0.39
Bell-2-Gober	42973	50-EV	17828.00	224.00	233.86	232.12	234.27	0.007595	5.15	3463.89	635.93	0.39
Bell-2-Gober	42973	25-EV	14942.00	224.00	233.26	231.62	233.62	0.007760	4.84	3086.26	631.43	0.39
Bell-2-Gober	42973	10-EV	7102.00	224.00	231.35	230.17	231.57	0.008273	3.74	1900.49	603.59	0.37
Bell-2-Gober	42973	5-EV	2468.00	224.00	229.40	228.51	229.51	0.006574	2.73	905.31	385.05	0.31
Bell-2-Gober	42973	2-EV	614.00	224.00	226.68	226.73	226.73	0.003480	1.86	330.77	150.67	0.22
Bell-2-Gober	42823	100-EV	20266.00	223.75	233.25	231.68	233.68	0.007177	5.23	3874.97	627.02	0.37
Bell-2-Gober	42823	50-EV	17828.00	223.75	232.76	231.15	233.15	0.007268	5.00	3568.74	624.66	0.37
Bell-2-Gober	42823	25-EV	14942.00	223.75	232.14	230.48	232.48	0.007395	4.69	3183.31	620.43	0.37
Bell-2-Gober	42823	10-EV	7102.00	223.75	230.13	230.33	230.33	0.008196	3.64	1950.39	601.60	0.36
Bell-2-Gober	42823	5-EV	2468.00	223.75	228.34	228.44	228.44	0.007704	2.54	970.61	477.58	0.31
Bell-2-Gober	42823	2-EV	614.00	223.75	225.68	225.81	225.81	0.013607	2.80	219.46	147.09	0.40
Bell-2-Gober	42673	100-EV	20266.00	222.00	232.26	230.67	232.67	0.006208	5.10	3975.11	642.88	0.36
Bell-2-Gober	42673	50-EV	17828.00	222.00	231.75	230.12	232.12	0.006348	4.89	3648.07	639.31	0.36
Bell-2-Gober	42673	25-EV	14942.00	222.00	231.10	231.43	231.43	0.006558	4.62	3234.81	632.43	0.36
Bell-2-Gober	42673	10-EV	7102.00	222.00	228.94	229.16	229.16	0.007508	3.70	1919.47	582.53	0.36
Bell-2-Gober	42673	5-EV	2468.00	222.00	226.96	227.09	227.09	0.010710	2.91	849.16	479.24	0.38
Bell-2-Gober	42673	2-EV	614.00	222.00	224.61	224.67	224.67	0.004686	1.98	310.68	176.08	0.26
Bell-2-Gober	42523	100-EV	20266.00	221.74	231.62	230.17	231.92	0.003743	4.41	4597.43	704.75	0.30
Bell-2-Gober	42523	50-EV	17828.00	221.74	231.10	231.37	231.37	0.003751	4.21	4230.96	697.33	0.30
Bell-2-Gober	42523	25-EV	14942.00	221.74	230.43	230.68	230.68	0.003772	3.96	3768.66	687.78	0.30
Bell-2-Gober	42523	10-EV	7102.00	221.74	228.21	228.36	228.36	0.003807	3.12	2276.72	653.44	0.29
Bell-2-Gober	42523	5-EV	2468.00	221.74	226.13	226.21	226.21	0.003568	2.38	1035.01	564.66	0.31
Bell-2-Gober	42523	2-EV	614.00	221.74	224.19	224.22	224.22	0.002021	1.47	416.51	196.21	0.18
Bell-2-Gober	42373	100-EV	20266.00	221.86	231.02	230.30	231.30	0.004519	4.29	4727.97	765.70	0.30
Bell-2-Gober	42373	50-EV	17828.00	221.86	230.48	230.75	230.75	0.004620	4.12	4322.06	755.57	0.30
Bell-2-Gober	42373	25-EV	14942.00	221.86	229.80	230.04	230.04	0.004835	3.92	3807.83	742.34	0.31
Bell-2-Gober	42373	10-EV	7102.00	221.86	227.44	227.61	227.61	0.006743	3.34	2123.95	676.32	0.33
Bell-2-Gober	42373	5-EV	2468.00	221.86	225.31	225.42	225.42	0.008500	2.71	910.51	473.90	0.34
Bell-2-Gober	42373	2-EV	614.00	221.86	223.49	223.60	223.60	0.012326	2.58	238.35	177.46	0.39
Bell-2-Gober	42223	100-EV	20266.00	220.00	230.41	230.71	230.71	0.003490	4.37	4640.39	781.62	0.32
Bell-2-Gober	42223	50-EV	17828.00	220.00	229.86	230.14	230.14	0.003580	4.23	4211.39	773.30	0.32
Bell-2-Gober	42223	25-EV	14942.00	220.00	229.14	229.40	229.40	0.003761	4.09	3657.18	757.96	0.33

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	42223	10-EV	7102.00	220.00	226.55		226.76	0.004839	3.64	195.82	539.61	0.34
Bell-2-Gober	42223	5-EV	2468.00	220.00	224.44		224.54	0.004312	2.58	955.62	423.84	0.30
Bell-2-Gober	42223	2-EV	614.00	220.00	222.80		222.84	0.002626	1.63	377.62	198.70	0.21
Bell-2-Gober	42073	100-EV	20266.00	220.00	229.84		230.13	0.004278	4.29	4727.77	771.20	0.31
Bell-2-Gober	42073	50-EV	17828.00	220.00	229.27		229.54	0.004454	4.15	4291.24	757.57	0.31
Bell-2-Gober	42073	25-EV	14942.00	220.00	228.50		228.75	0.004867	4.02	3717.40	739.40	0.32
Bell-2-Gober	42073	10-EV	7102.00	220.00	225.74		225.95	0.005914	3.67	1932.82	512.56	0.33
Bell-2-Gober	42073	5-EV	2468.00	220.00	223.73		223.83	0.005157	2.51	983.22	419.03	0.29
Bell-2-Gober	42073	2-EV	614.00	220.00	222.35		222.38	0.003463	1.38	445.09	329.06	0.21
Bell-2-Gober	41923	100-EV	20266.00	219.24	229.25		229.53	0.003718	4.20	4829.26	752.96	0.29
Bell-2-Gober	41923	50-EV	17828.00	219.24	228.65		228.91	0.003896	4.07	4380.52	746.64	0.30
Bell-2-Gober	41923	25-EV	14942.00	219.24	227.82		228.06	0.004384	3.97	3760.85	727.29	0.31
Bell-2-Gober	41923	10-EV	7102.00	219.24	224.47		224.78	0.010623	4.47	1589.05	552.41	0.46
Bell-2-Gober	41923	5-EV	2468.00	219.24	221.85		222.20	0.034135	4.74	520.60	362.68	0.70
Bell-2-Gober	41923	2-EV	614.00	219.24	220.59	220.59	220.92	0.084671	4.58	134.13	212.03	1.01
Bell-2-Gober	41773	100-EV	20266.00	218.00	228.99		229.16	0.001500	3.27	6199.80	794.74	0.21
Bell-2-Gober	41773	50-EV	17828.00	218.00	228.39		228.54	0.001456	3.10	5748.21	732.28	0.20
Bell-2-Gober	41773	25-EV	14942.00	218.00	227.55		227.68	0.001439	2.91	5138.60	710.56	0.19
Bell-2-Gober	41773	10-EV	7102.00	218.00	224.04		224.14	0.001994	2.58	2757.10	629.52	0.22
Bell-2-Gober	41773	5-EV	2468.00	218.00	221.08		221.15	0.002631	2.05	1202.37	413.61	0.21
Bell-2-Gober	41773	2-EV	614.00	218.00	219.57		219.59	0.001615	1.04	592.65	395.33	0.15
Bell-2-Gober	41623	100-EV	20266.00	217.94	228.78		228.93	0.001467	3.13	6473.90	909.76	0.21
Bell-2-Gober	41623	50-EV	17828.00	217.94	228.18		228.32	0.001438	3.00	5935.79	896.06	0.21
Bell-2-Gober	41623	25-EV	14942.00	217.94	227.34		227.46	0.001442	2.86	5228.24	748.61	0.19
Bell-2-Gober	41623	10-EV	7102.00	217.94	223.71		223.82	0.002259	2.63	2702.91	629.10	0.22
Bell-2-Gober	41623	5-EV	2468.00	217.94	220.52		220.61	0.004997	2.46	1003.75	448.15	0.29
Bell-2-Gober	41623	2-EV	614.00	217.94	219.22		219.24	0.003521	1.32	465.88	396.33	0.21
Bell-2-Gober	41473	100-EV	20266.00	216.94	228.61		228.75	0.001007	3.03	6693.13	858.49	0.19
Bell-2-Gober	41473	50-EV	17828.00	216.94	228.02		228.15	0.000968	2.88	6191.30	843.74	0.19
Bell-2-Gober	41473	25-EV	14942.00	216.94	227.17		227.29	0.000946	2.72	5496.58	793.68	0.18
Bell-2-Gober	41473	10-EV	7102.00	216.94	223.48		223.57	0.001267	2.36	3013.81	615.27	0.19
Bell-2-Gober	41473	5-EV	2468.00	216.94	219.74		219.85	0.005212	2.66	927.08	463.34	0.33
Bell-2-Gober	41473	2-EV	614.00	216.94	218.21		218.28	0.015228	2.19	280.93	403.50	0.46
Bell-2-Gober	41323	100-EV	20266.00	216.00	228.42		228.56	0.001628	3.02	6705.17	790.44	0.18
Bell-2-Gober	41323	50-EV	17828.00	216.00	227.84		227.97	0.001510	2.85	6254.04	766.90	0.18
Bell-2-Gober	41323	25-EV	14942.00	216.00	227.01		227.12	0.001337	2.65	5635.89	717.50	0.17
Bell-2-Gober	41323	10-EV	7102.00	216.00	223.32		223.38	0.001076	2.07	3435.10	556.12	0.15
Bell-2-Gober	41323	5-EV	2468.00	216.00	219.36		219.41	0.001747	1.70	1450.99	463.97	0.17
Bell-2-Gober	41323	2-EV	614.00	216.00	217.20		217.23	0.003969	1.29	474.47	428.30	0.22
Bell-2-Gober	41173	100-EV	20266.00	214.15	228.18		228.32	0.001509	3.01	6725.98	733.14	0.18
Bell-2-Gober	41173	50-EV	17828.00	214.15	227.63		227.75	0.001327	2.82	6328.33	701.34	0.17
Bell-2-Gober	41173	25-EV	14942.00	214.15	226.83		226.93	0.001099	2.58	5788.29	649.46	0.15
Bell-2-Gober	41173	10-EV	7102.00	214.15	223.19		223.24	0.000774	1.89	3749.02	512.11	0.12
Bell-2-Gober	41173	5-EV	2468.00	214.15	219.16		219.20	0.001121	1.42	1743.10	486.75	0.13
Bell-2-Gober	41173	2-EV	614.00	214.15	216.32		216.36	0.009419	1.59	386.03	449.60	0.30
Bell-2-Gober	41024	100-EV	20266.00	214.00	228.10		228.18	0.000516	2.30	8800.56	739.36	0.12
Bell-2-Gober	41024	50-EV	17828.00	214.00	227.56		227.63	0.000454	2.12	8404.60	721.75	0.11
Bell-2-Gober	41024	25-EV	14942.00	214.00	226.77		226.83	0.000386	1.90	7845.55	699.61	0.10
Bell-2-Gober	41024	10-EV	7102.00	214.00	223.14		223.17	0.000283	1.32	5388.18	664.38	0.08
Bell-2-Gober	41024	5-EV	2468.00	214.00	219.10		219.11	0.000305	0.90	2751.09	639.63	0.08
Bell-2-Gober	41024	2-EV	614.00	214.00	215.68		215.69	0.002553	1.01	606.11	569.55	0.17
Bell-2-Gober	40873	100-EV	20266.00	212.35	228.06		228.11	0.000327	1.92	10567.61	798.86	0.09
Bell-2-Gober	40873	50-EV	17828.00	212.35	227.52		227.57	0.000287	1.76	10141.27	788.60	0.09
Bell-2-Gober	40873	25-EV	14942.00	212.35	226.74		226.78	0.000242	1.57	9530.75	775.58	0.08
Bell-2-Gober	40873	10-EV	7102.00	212.35	223.12		223.14	0.000160	1.05	6788.23	743.78	0.06
Bell-2-Gober	40873	5-EV	2468.00	212.35	219.08		219.08	0.000126	0.65	3820.54	723.91	0.05
Bell-2-Gober	40873	2-EV	614.00	212.35	215.60		215.60	0.000243	0.46	1344.40	700.44	0.06
Bell-2-Gober	40723	100-EV	20266.00	211.62	228.03	215.69	228.07	0.000206	1.73	11703.00	888.72	0.08
Bell-2-Gober	40723	50-EV	17828.00	211.62	227.49	215.45	227.53	0.000181	1.59	11233.09	872.03	0.08
Bell-2-Gober	40723	25-EV	14942.00	211.62	226.72	215.15	226.75	0.000153	1.41	10565.33	846.30	0.07
Bell-2-Gober	40723	10-EV	7102.00	211.62	223.10	214.18	223.12	0.000093	0.93	7675.15	771.77	0.05
Bell-2-Gober	40723	5-EV	2468.00	211.62	219.06	213.15	219.07	0.000058	0.54	4605.63	749.38	0.04
Bell-2-Gober	40723	2-EV	614.00	211.62	215.59	212.41	215.59	0.000048	0.30	2031.89	726.96	0.03
Bell-2-Gober	40573	100-EV	20266.00	211.53	227.99	215.47	228.04	0.000246	1.78	11381.73	847.12	0.09
Bell-2-Gober	40573	50-EV	17828.00	211.53	227.46	215.22	227.50	0.000213	1.63	10938.18	830.92	0.08
Bell-2-Gober	40573	25-EV	14942.00	211.53	226.69	214.89	226.72	0.000177	1.45	10305.99	807.34	0.07
Bell-2-Gober	40573	10-EV	7102.00	211.53	223.09	213.85	223.10	0.000101	0.94	7535.05	743.21	0.05
Bell-2-Gober	40573	5-EV	2468.00	211.53	219.06	212.92	219.06	0.000059	0.54	4595.66	716.25	0.04
Bell-2-Gober	40573	2-EV	614.00	211.53	215.58	212.28	215.58	0.000044	0.29	2145.13	692.34	0.03

HEC-RAS Plan: NoPA45 (Continued)

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
Bell-2-Gober	40423	100-EV	20266.00	211.96	227.93		227.99	0.000395	2.03	9980.31	826.54	0.10
Bell-2-Gober	40423	50-EV	17828.00	211.96	227.41		227.46	0.000346	1.87	9553.87	811.77	0.10
Bell-2-Gober	40423	25-EV	14942.00	211.96	226.64		226.69	0.000292	1.67	8944.26	786.24	0.09
Bell-2-Gober	40423	10-EV	7102.00	211.96	223.06		223.08	0.000157	1.11	6423.77	659.40	0.06
Bell-2-Gober	40423	5-EV	2468.00	211.96	219.04		219.05	0.000094	0.64	3860.10	618.95	0.05
Bell-2-Gober	40423	2-EV	614.00	211.96	215.57		215.58	0.000062	0.34	1812.29	561.95	0.03
Bell-2-Gober	40273	100-EV	20266.00	212.00	227.07		227.75	0.016037	6.64	3050.77	838.86	0.61
Bell-2-Gober	40273	50-EV	17828.00	212.00	226.48		227.23	0.020854	6.94	2568.59	805.60	0.69
Bell-2-Gober	40273	25-EV	14942.00	212.00	225.50		226.45	0.024500	7.85	1903.98	546.71	0.74
Bell-2-Gober	40273	10-EV	7102.00	212.00	221.99		222.92	0.007443	7.74	917.83	127.51	0.51
Bell-2-Gober	40273	5-EV	2468.00	212.00	218.65		218.97	0.003839	4.59	537.63	101.98	0.35
Bell-2-Gober	40273	2-EV	614.00	212.00	215.43		215.54	0.002728	2.57	238.57	84.22	0.27
Bell-2-Gober	40123	100-EV	20266.00	212.00	225.66		226.44	0.005410	7.07	2867.06	469.45	0.50
Bell-2-Gober	40123	50-EV	17828.00	212.00	225.12		225.84	0.005138	6.80	2623.41	430.40	0.49
Bell-2-Gober	40123	25-EV	14942.00	212.00	224.25		224.92	0.005091	6.58	2271.95	374.61	0.47
Bell-2-Gober	40123	10-EV	7102.00	212.00	221.56		221.97	0.003950	5.10	1392.22	282.71	0.41
Bell-2-Gober	40123	5-EV	2468.00	212.00	218.10		218.35	0.004164	4.06	607.33	173.14	0.38
Bell-2-Gober	40123	2-EV	614.00	212.00	215.08		215.16	0.002276	2.27	270.92	101.21	0.24
Bell-2-Gober	39973	100-EV	20266.00	212.00	224.98		225.61	0.005148	6.33	3199.95	597.02	0.48
Bell-2-Gober	39973	50-EV	17828.00	212.00	224.45		225.04	0.005034	6.16	2892.54	559.96	0.48
Bell-2-Gober	39973	25-EV	14942.00	212.00	223.55		224.13	0.005210	6.11	2444.04	434.33	0.45
Bell-2-Gober	39973	10-EV	7102.00	212.00	220.97		221.32	0.004524	4.71	1507.03	322.28	0.38
Bell-2-Gober	39973	5-EV	2468.00	212.00	217.43		217.71	0.004463	4.23	584.02	173.80	0.41
Bell-2-Gober	39973	2-EV	614.00	212.00	214.59		214.70	0.004266	2.71	226.92	104.49	0.32
Gober-2-Chiq	39524	100-EV	20337.00	210.00	223.03		223.38	0.004444	4.74	4292.98	762.26	0.35
Gober-2-Chiq	39524	50-EV	17989.00	210.00	222.45		222.78	0.004684	4.66	3859.34	730.54	0.36
Gober-2-Chiq	39524	25-EV	14945.00	210.00	221.52		221.86	0.004582	4.62	3234.82	602.02	0.35
Gober-2-Chiq	39524	10-EV	7055.00	210.00	218.81		219.05	0.005509	3.94	1792.00	477.74	0.36
Gober-2-Chiq	39524	5-EV	2479.00	210.00	215.28		215.49	0.005390	3.64	681.39	213.99	0.36
Gober-2-Chiq	39524	2-EV	619.00	210.00	212.55		212.66	0.004824	2.61	236.87	120.39	0.33
Gober-2-Chiq	39298	100-EV	21758.00	208.00	221.29		221.98	0.008424	6.67	3261.79	549.62	0.48
Gober-2-Chiq	39298	50-EV	19144.00	208.00	220.65		221.32	0.008843	6.56	2919.46	525.15	0.49
Gober-2-Chiq	39298	25-EV	15990.00	208.00	219.85		220.47	0.008038	6.32	2531.39	441.28	0.46
Gober-2-Chiq	39298	10-EV	7407.00	208.00	217.48		217.81	0.005410	4.62	1602.28	319.35	0.36
Gober-2-Chiq	39298	5-EV	2670.00	208.00	214.36		214.55	0.003308	3.49	764.66	191.92	0.31
Gober-2-Chiq	39298	2-EV	732.00	208.00	211.95		212.02	0.001929	2.00	365.33	145.46	0.22
Gober-2-Chiq	39147	100-EV	21758.00	208.00	219.78		220.55	0.010670	7.03	3096.13	517.33	0.51
Gober-2-Chiq	39147	50-EV	19144.00	208.00	218.99		219.77	0.011862	7.08	2702.57	485.69	0.53
Gober-2-Chiq	39147	25-EV	15990.00	208.00	218.34		219.04	0.011365	6.68	2394.48	457.88	0.51
Gober-2-Chiq	39147	10-EV	7407.00	208.00	216.29		216.68	0.010965	5.02	1476.56	432.31	0.48
Gober-2-Chiq	39147	5-EV	2670.00	208.00	213.51		213.79	0.008266	4.28	623.83	222.96	0.45
Gober-2-Chiq	39147	2-EV	732.00	208.00	211.39		211.52	0.006546	2.96	247.52	137.55	0.39
Gober-2-Chiq	38998	100-EV	21758.00	208.00	218.47		218.95	0.009611	5.54	3926.91	867.50	0.46
Gober-2-Chiq	38998	50-EV	19144.00	208.00	217.78		218.27	0.007752	5.63	3399.60	614.81	0.42
Gober-2-Chiq	38998	25-EV	15990.00	208.00	217.07		217.52	0.008256	5.38	2971.36	603.68	0.43
Gober-2-Chiq	38998	10-EV	7407.00	208.00	214.88		215.18	0.008892	4.35	1703.35	526.59	0.43
Gober-2-Chiq	38998	5-EV	2670.00	208.00	212.05		212.34	0.011600	4.28	624.54	262.26	0.49
Gober-2-Chiq	38998	2-EV	732.00	208.00	210.10		210.26	0.011391	3.18	230.01	154.46	0.46
Gober-2-Chiq	38848	100-EV	21758.00	206.00	217.59		217.89	0.004942	4.43	4915.94	922.52	0.34
Gober-2-Chiq	38848	50-EV	19144.00	206.00	216.97		217.27	0.005237	4.39	4359.84	864.37	0.34
Gober-2-Chiq	38848	25-EV	15990.00	206.00	216.24		216.52	0.005024	4.24	3771.57	762.61	0.34
Gober-2-Chiq	38848	10-EV	7407.00	206.00	213.93		214.12	0.005410	3.48	2128.86	624.11	0.33
Gober-2-Chiq	38848	5-EV	2670.00	206.00	210.78		210.98	0.007032	3.56	750.13	294.51	0.39
Gober-2-Chiq	38848	2-EV	732.00	206.00	208.22		208.40	0.013468	3.43	213.15	162.68	0.53
Gober-2-Chiq	38665	100-EV	21758.00	204.00	216.52		216.92	0.005701	5.03	4326.57	765.65	0.37
Gober-2-Chiq	38665	50-EV	19144.00	204.00	215.90		216.28	0.005499	4.95	3867.53	689.19	0.37
Gober-2-Chiq	38665	25-EV	15990.00	204.00	215.16		215.51	0.005982	4.75	3364.74	681.68	0.38
Gober-2-Chiq	38665	10-EV	7407.00	204.00	212.65		212.93	0.007857	4.22	1754.01	553.94	0.42
Gober-2-Chiq	38665	5-EV	2670.00	204.00	209.83		210.01	0.004112	3.36	794.89	245.57	0.33
Gober-2-Chiq	38665	2-EV	732.00	204.00	207.50		207.57	0.002120	2.22	330.40	121.46	0.24
Gober-2-Chiq	38398	100-EV	21758.00	204.00	215.50		215.85	0.002882	4.77	4562.54	756.82	0.34
Gober-2-Chiq	38398	50-EV	19144.00	204.00	214.87		215.21	0.002966	4.67	4098.96	727.79	0.35
Gober-2-Chiq	38398	25-EV	15990.00	204.00	214.07		214.39	0.003069	4.53	3529.53	694.61	0.35
Gober-2-Chiq	38398	10-EV	7407.00	204.00	211.35		211.61	0.003356	4.07	1821.29	427.32	0.35
Gober-2-Chiq	38398	5-EV	2670.00	204.00	208.58		208.76	0.005302	3.40	785.88	319.50	0.38
Gober-2-Chiq	38398	2-EV	732.00	204.00	206.53		206.63	0.006951	2.58	283.97	202.93	0.38
Gober-2-Chiq	38173	100-EV	21758.00	202.00	214.62		215.09	0.003924	5.49	3961.47	668.10	0.40
Gober-2-Chiq	38173	50-EV	19144.00	202.00	213.96		214.42	0.004103	5.43	3528.41	608.86	0.40
Gober-2-Chiq	38173	25-EV	15990.00	202.00	213.13		213.56	0.004378	5.28	3030.57	593.22	0.41
Gober-2-Chiq	38173	10-EV	7407.00	202.00	210.21		210.63	0.005665	5.18	1428.63	394.09	0.48

HEC-RAS Plan: NoPA45 (Continued)

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
Gober-2-Chiq	38173	5-EV	2670.00	202.00	207.22		207.49	0.005880	4.23	630.49	188.33	0.41
Gober-2-Chiq	38173	2-EV	732.00	202.00	205.01		205.13	0.006389	2.84	258.07	149.96	0.38
Gober-2-Chiq	38023	100-EV	21758.00	202.00	213.95		214.48	0.004077	5.86	3710.12	573.44	0.41
Gober-2-Chiq	38023	50-EV	19144.00	202.00	213.28		213.79	0.004216	5.75	3330.90	559.71	0.42
Gober-2-Chiq	38023	25-EV	15990.00	202.00	212.41		212.90	0.004418	5.61	2850.07	544.95	0.43
Gober-2-Chiq	38023	10-EV	7407.00	202.00	209.44		209.87	0.004573	5.26	1408.10	301.26	0.43
Gober-2-Chiq	38023	5-EV	2670.00	202.00	206.54		206.76	0.004026	3.75	712.58	190.74	0.34
Gober-2-Chiq	38023	2-EV	732.00	202.00	204.06		204.17	0.006433	2.66	275.64	165.98	0.36
Gober-2-Chiq	37873	100-EV	21758.00	200.00	213.27		213.85	0.004290	6.12	3554.78	482.76	0.40
Gober-2-Chiq	37873	50-EV	19144.00	200.00	212.61		213.15	0.004273	5.91	3241.91	469.07	0.40
Gober-2-Chiq	37873	25-EV	15990.00	200.00	211.76		212.25	0.004246	5.62	2846.22	459.81	0.40
Gober-2-Chiq	37873	10-EV	7407.00	200.00	208.87		209.21	0.003839	4.71	1574.24	409.28	0.42
Gober-2-Chiq	37873	5-EV	2670.00	200.00	206.10		206.26	0.002564	3.24	825.12	200.86	0.28
Gober-2-Chiq	37873	2-EV	732.00	200.00	203.62		203.67	0.001909	1.87	391.73	154.78	0.21
Gober-2-Chiq	37722	100-EV	21758.00	200.00	212.62		213.19	0.004377	6.08	3579.68	517.15	0.41
Gober-2-Chiq	37722	50-EV	19144.00	200.00	211.96		212.50	0.004311	5.89	3251.87	482.69	0.40
Gober-2-Chiq	37722	25-EV	15990.00	200.00	211.12		211.61	0.004226	5.60	2853.70	462.03	0.40
Gober-2-Chiq	37722	10-EV	7407.00	200.00	208.28		208.61	0.004102	4.66	1588.08	428.23	0.43
Gober-2-Chiq	37722	5-EV	2670.00	200.00	205.63		205.83	0.003250	3.52	757.98	210.15	0.33
Gober-2-Chiq	37722	2-EV	732.00	200.00	203.25		203.33	0.002741	2.22	329.26	149.18	0.26
Gober-2-Chiq	37498	100-EV	21758.00	200.00	211.84		212.27	0.003505	5.26	4136.58	509.58	0.33
Gober-2-Chiq	37498	50-EV	19144.00	200.00	211.19		211.58	0.003529	5.03	3806.17	505.60	0.32
Gober-2-Chiq	37498	25-EV	15990.00	200.00	210.34		210.69	0.003581	4.73	3380.29	499.71	0.32
Gober-2-Chiq	37498	10-EV	7407.00	200.00	207.35		207.58	0.004866	3.88	1908.05	483.07	0.34
Gober-2-Chiq	37498	5-EV	2670.00	200.00	204.81		204.96	0.004517	3.11	857.40	318.08	0.33
Gober-2-Chiq	37498	2-EV	732.00	200.00	202.47		202.57	0.004272	2.42	302.93	165.84	0.32
Gober-2-Chiq	37185	100-EV	21758.00	198.00	210.55		210.96	0.005119	5.11	4260.26	457.30	0.29
Gober-2-Chiq	37185	50-EV	19144.00	198.00	209.92		210.28	0.004956	4.82	3973.12	452.75	0.29
Gober-2-Chiq	37185	25-EV	15990.00	198.00	209.10		209.40	0.004725	4.44	3604.78	443.68	0.27
Gober-2-Chiq	37185	10-EV	7407.00	198.00	205.81		205.99	0.005278	3.40	2178.76	426.82	0.27
Gober-2-Chiq	37185	5-EV	2670.00	198.00	203.14		203.24	0.006867	2.51	1061.68	389.98	0.27
Gober-2-Chiq	37185	2-EV	732.00	198.00	201.15		201.19	0.004533	1.67	438.20	202.72	0.20
Gober-2-Chiq	37081	100-EV	21758.00	197.94	209.91		210.41	0.005273	5.64	3860.45	425.54	0.33
Gober-2-Chiq	37081	50-EV	19144.00	197.94	209.31		209.75	0.005078	5.31	3605.60	423.70	0.32
Gober-2-Chiq	37081	25-EV	15990.00	197.94	208.53		208.90	0.004825	4.88	3274.67	421.32	0.31
Gober-2-Chiq	37081	10-EV	7407.00	197.94	205.17		205.41	0.005723	3.92	1888.42	386.69	0.31
Gober-2-Chiq	37081	5-EV	2670.00	197.94	202.30		202.44	0.008304	3.03	881.40	336.73	0.33
Gober-2-Chiq	37081	2-EV	732.00	197.94	200.36		200.44	0.012910	2.26	324.50	227.95	0.33
Gober-2-Chiq	36981	100-EV	21758.00	196.00	209.22		209.82	0.006306	6.19	3517.42	448.20	0.39
Gober-2-Chiq	36981	50-EV	19144.00	196.00	208.65		209.18	0.006110	5.87	3259.23	446.28	0.38
Gober-2-Chiq	36981	25-EV	15990.00	196.00	207.90		208.36	0.005810	5.47	2925.05	442.39	0.37
Gober-2-Chiq	36981	10-EV	7407.00	196.00	204.50		204.80	0.006214	4.44	1669.77	293.28	0.33
Gober-2-Chiq	36981	5-EV	2670.00	196.00	201.43		201.61	0.008273	3.38	789.51	265.96	0.35
Gober-2-Chiq	36981	2-EV	732.00	196.00	199.42		199.51	0.007113	2.31	317.09	179.29	0.31
Gober-2-Chiq	36880	100-EV	21758.00	196.00	208.50		209.15	0.007081	6.45	3375.13	473.62	0.43
Gober-2-Chiq	36880	50-EV	19144.00	196.00	207.92		208.52	0.007198	6.17	3102.40	472.20	0.42
Gober-2-Chiq	36880	25-EV	15990.00	196.00	207.17		207.70	0.007445	5.82	2748.46	470.37	0.42
Gober-2-Chiq	36880	10-EV	7407.00	196.00	203.73		204.16	0.006410	5.28	1401.69	240.19	0.39
Gober-2-Chiq	36880	5-EV	2670.00	196.00	200.71		200.91	0.005903	3.66	728.99	212.45	0.35
Gober-2-Chiq	36880	2-EV	732.00	196.00	198.82		198.90	0.005200	2.17	337.97	201.37	0.29
Gober-2-Chiq	36780	100-EV	21758.00	196.00	207.81		208.45	0.006774	6.40	3399.02	500.36	0.43
Gober-2-Chiq	36780	50-EV	19144.00	196.00	207.20		207.80	0.007110	6.19	3094.63	498.88	0.44
Gober-2-Chiq	36780	25-EV	15990.00	196.00	206.37		206.93	0.007919	5.96	2681.76	496.89	0.45
Gober-2-Chiq	36780	10-EV	7407.00	196.00	202.98		203.47	0.007243	5.65	1311.25	275.14	0.46
Gober-2-Chiq	36780	5-EV	2670.00	196.00	200.11		200.36	0.005181	3.96	674.49	201.56	0.38
Gober-2-Chiq	36780	2-EV	732.00	196.00	198.34		198.42	0.004333	2.27	322.77	195.39	0.31
Gober-2-Chiq	36680	100-EV	21758.00	195.82	207.14		207.86	0.005042	6.79	3203.13	476.27	0.46
Gober-2-Chiq	36680	50-EV	19144.00	195.82	206.52		207.19	0.005045	6.58	2907.92	474.40	0.47
Gober-2-Chiq	36680	25-EV	15990.00	195.82	205.64		206.28	0.005202	6.42	2492.04	471.77	0.49
Gober-2-Chiq	36680	10-EV	7407.00	195.82	202.19		202.77	0.006566	6.10	1214.36	266.31	0.50
Gober-2-Chiq	36680	5-EV	2670.00	195.82	199.53		199.79	0.005985	4.11	649.90	204.57	0.41
Gober-2-Chiq	36680	2-EV	732.00	195.82	197.87		197.96	0.004882	2.33	314.30	199.99	0.33
Gober-2-Chiq	36579	100-EV	21758.00	195.56	206.54		207.21	0.007985	6.58	3306.34	518.15	0.46
Gober-2-Chiq	36579	50-EV	19144.00	195.56	205.91		206.55	0.008000	6.41	2985.97	488.32	0.46
Gober-2-Chiq	36579	25-EV	15990.00	195.56	204.97		205.59	0.009369	6.32	2530.35	477.18	0.48
Gober-2-Chiq	36579	10-EV	7407.00	195.56	201.50		202.01	0.008220	5.72	1294.71	275.11	0.47
Gober-2-Chiq	36579	5-EV	2670.00	195.56	198.88		199.14	0.007017	4.12	648.03	223.28	0.43
Gober-2-Chiq	36579	2-EV	732.00	195.56	197.25		197.35	0.007466	2.54	288.45	218.07	0.39
Gober-2-Chiq	36478	100-EV	21758.00	194.00	205.71		206.31	0.009631	6.23	3493.16	647.45	0.47

HEC-RAS Plan: NoPA45 (Continued)

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
Gober-2-Chiq	36478	50-EV	19144.00	194.00	204.94		205.57	0.011893	6.38	3002.29	636.37	0.52
Gober-2-Chiq	36478	25-EV	15990.00	194.00	203.96		204.66	0.008947	6.68	2392.22	412.97	0.49
Gober-2-Chiq	36478	10-EV	7407.00	194.00	200.73		201.22	0.007399	5.66	1309.48	261.56	0.45
Gober-2-Chiq	36478	5-EV	2670.00	194.00	198.18		198.43	0.007117	3.99	669.88	234.07	0.42
Gober-2-Chiq	36478	2-EV	732.00	194.00	196.58		196.67	0.006123	2.39	306.36	209.26	0.35
Gober-2-Chiq	36375	100-EV	21758.00	194.00	204.26		205.05	0.015633	7.12	3054.07	675.49	0.59
Gober-2-Chiq	36375	50-EV	19144.00	194.00	203.54		204.35	0.011666	7.18	2666.72	473.07	0.53
Gober-2-Chiq	36375	25-EV	15990.00	194.00	202.86		203.58	0.012215	6.82	2346.21	466.34	0.54
Gober-2-Chiq	36375	10-EV	7407.00	194.00	199.87		200.39	0.008752	5.80	1276.70	261.78	0.46
Gober-2-Chiq	36375	5-EV	2670.00	194.00	197.35		197.62	0.008620	4.14	645.20	230.37	0.44
Gober-2-Chiq	36375	2-EV	732.00	194.00	195.44		195.62	0.019899	3.33	220.11	210.94	0.57
Gober-2-Chiq	36277	100-EV	21758.00	192.00	203.30		204.09	0.006599	7.15	3044.59	625.52	0.57
Gober-2-Chiq	36277	50-EV	19144.00	192.00	202.71		203.49	0.006624	7.08	2703.99	569.20	0.57
Gober-2-Chiq	36277	25-EV	15990.00	192.00	201.99		202.74	0.006359	6.96	2298.40	390.69	0.51
Gober-2-Chiq	36277	10-EV	7407.00	192.00	199.29		199.73	0.005058	5.32	1392.49	280.89	0.42
Gober-2-Chiq	36277	5-EV	2670.00	192.00	196.91		197.09	0.003393	3.36	795.55	230.84	0.32
Gober-2-Chiq	36277	2-EV	732.00	192.00	195.06		195.11	0.002084	1.83	399.36	200.83	0.23
Gober-2-Chiq	36174	100-EV	21758.00	191.99	202.75		203.37	0.006328	6.34	3433.60	836.76	0.55
Gober-2-Chiq	36174	50-EV	19144.00	191.99	202.13		202.78	0.006472	6.49	2951.67	641.13	0.53
Gober-2-Chiq	36174	25-EV	15990.00	191.99	201.42		202.04	0.006412	6.32	2530.95	575.86	0.53
Gober-2-Chiq	36174	10-EV	7407.00	191.99	198.75		199.15	0.005878	5.07	1461.61	335.37	0.43
Gober-2-Chiq	36174	5-EV	2670.00	191.99	196.49		196.68	0.004804	3.42	780.71	264.66	0.35
Gober-2-Chiq	36174	2-EV	732.00	191.99	194.70		194.78	0.005436	2.23	327.79	248.33	0.34
Gober-2-Chiq	36073	100-EV	21758.00	192.00	202.20		202.67	0.006822	5.50	3957.57	937.40	0.47
Gober-2-Chiq	36073	50-EV	19144.00	192.00	201.57		202.05	0.006970	5.57	3440.00	752.11	0.46
Gober-2-Chiq	36073	25-EV	15990.00	192.00	200.84		201.31	0.007262	5.49	2914.68	690.12	0.47
Gober-2-Chiq	36073	10-EV	7407.00	192.00	198.20		198.51	0.006396	4.48	1652.36	379.95	0.38
Gober-2-Chiq	36073	5-EV	2670.00	192.00	196.05		196.19	0.004630	2.98	895.94	346.32	0.33
Gober-2-Chiq	36073	2-EV	732.00	192.00	194.27		194.32	0.003770	1.96	374.29	288.65	0.30
Gober-2-Chiq	35973	100-EV	21758.00	191.10	201.46		201.99	0.006644	5.80	3749.05	720.32	0.45
Gober-2-Chiq	35973	50-EV	19144.00	191.10	200.83		201.35	0.006932	5.78	3310.97	651.53	0.45
Gober-2-Chiq	35973	25-EV	15990.00	191.10	200.10		200.59	0.007098	5.61	2850.46	606.57	0.46
Gober-2-Chiq	35973	10-EV	7407.00	191.10	197.54		197.87	0.006474	4.56	1623.11	377.35	0.39
Gober-2-Chiq	35973	5-EV	2670.00	191.10	195.53		195.68	0.005595	3.07	870.44	371.55	0.35
Gober-2-Chiq	35973	2-EV	732.00	191.10	193.73		193.84	0.006242	2.68	273.44	186.19	0.39
Gober-2-Chiq	35865	100-EV	21758.00	190.00	200.58	197.22	201.22	0.007245	6.41	3391.87	590.52	0.42
Gober-2-Chiq	35865	50-EV	19144.00	190.00	199.98	196.84	200.57	0.007434	6.16	3109.32	481.41	0.42
Gober-2-Chiq	35865	25-EV	15990.00	190.00	199.29	196.34	199.80	0.007363	5.73	2791.33	461.03	0.41
Gober-2-Chiq	35865	10-EV	7407.00	190.00	196.78	194.80	197.08	0.007919	4.45	1665.56	422.49	0.39
Gober-2-Chiq	35865	5-EV	2670.00	190.00	194.83	193.22	194.97	0.007528	3.02	885.00	386.29	0.35
Gober-2-Chiq	35865	2-EV	732.00	190.00	193.15	191.52	193.21	0.005127	2.06	354.64	223.77	0.29
Gober-2-Chiq	35758	100-EV	21758.00	189.44	199.40	196.54	200.23	0.012032	7.28	2990.00	581.56	0.53
Gober-2-Chiq	35758	50-EV	19144.00	189.44	198.71	196.14	199.52	0.012752	7.24	2643.79	517.13	0.54
Gober-2-Chiq	35758	25-EV	15990.00	189.44	198.03	195.64	198.77	0.012706	6.86	2330.26	470.19	0.53
Gober-2-Chiq	35758	10-EV	7407.00	189.44	195.74	194.08	196.14	0.009857	5.04	1469.47	371.12	0.45
Gober-2-Chiq	35758	5-EV	2670.00	189.44	193.91	192.74	194.09	0.009321	3.36	794.82	357.08	0.40
Gober-2-Chiq	35758	2-EV	732.00	189.44	192.09	190.92	192.24	0.020296	3.11	235.38	213.63	0.52
Gober-2-Chiq	35661	100-EV	21758.00	188.00	198.37	195.43	199.13	0.010185	7.01	3105.86	563.27	0.50
Gober-2-Chiq	35661	50-EV	19144.00	188.00	197.73	195.07	198.46	0.009092	6.85	2795.31	467.75	0.48
Gober-2-Chiq	35661	25-EV	15990.00	188.00	197.09	194.60	197.72	0.008725	6.35	2516.93	438.57	0.46
Gober-2-Chiq	35661	10-EV	7407.00	188.00	194.96	193.13	195.29	0.007451	4.55	1628.40	409.45	0.40
Gober-2-Chiq	35661	5-EV	2670.00	188.00	193.17	191.39	193.31	0.006764	2.96	901.18	401.53	0.35
Gober-2-Chiq	35661	2-EV	732.00	188.00	191.21	189.81	191.30	0.005447	2.40	304.43	161.56	0.31
Gober-2-Chiq	35556	100-EV	21758.00	188.00	197.54	194.49	198.18	0.007639	6.43	3385.41	594.10	0.46
Gober-2-Chiq	35556	50-EV	19144.00	188.00	196.95	194.16	197.56	0.007569	6.23	3072.84	559.51	0.45
Gober-2-Chiq	35556	25-EV	15990.00	188.00	196.36	193.73	196.88	0.006860	5.76	2774.61	525.65	0.43
Gober-2-Chiq	35556	10-EV	7407.00	188.00	194.35	192.37	194.61	0.005379	4.05	1830.60	463.18	0.36
Gober-2-Chiq	35556	5-EV	2670.00	188.00	192.61	190.57	192.72	0.004621	2.59	1030.98	455.96	0.30
Gober-2-Chiq	35556	2-EV	732.00	188.00	190.91	189.04	190.96	0.002044	1.62	453.13	240.56	0.21
Gober-2-Chiq	35449	100-EV	21758.00	188.00	196.23	194.38	197.09	0.013555	7.42	2934.27	639.36	0.59
Gober-2-Chiq	35449	50-EV	19144.00	188.00	195.73	194.05	196.54	0.011723	7.22	2652.79	544.41	0.56
Gober-2-Chiq	35449	25-EV	15990.00	188.00	195.25	193.59	195.93	0.011253	6.65	2406.22	538.32	0.54
Gober-2-Chiq	35449	10-EV	7407.00	188.00	193.46	192.12	193.83	0.009721	4.93	1502.61	468.04	0.49
Gober-2-Chiq	35449	5-EV	2670.00	188.00	191.87	190.84	192.05	0.008627	3.36	794.85	416.20	0.43
Gober-2-Chiq	35449	2-EV	732.00	188.00	190.43	189.40	190.53	0.010547	2.52	290.35	278.43	0.44
Gober-2-Chiq	35351	100-EV	21758.00	188.00	194.35	193.49	195.43	0.021113	8.37	2599.64	670.86	0.73
Gober-2-Chiq	35351	50-EV	19144.00	188.00	193.99	193.15	195.00	0.021585	8.07	2371.16	625.23	0.73
Gober-2-Chiq	35351	25-EV	15990.00	188.00	193.52	192.73	194.43	0.021509	7.68	2080.72	598.70	0.73
Gober-2-Chiq	35351	10-EV	7407.00	188.00	191.98	191.25	192.53	0.018807	5.97	1241.34	489.48	0.66
Gober-2-Chiq	35351	5-EV	2670.00	188.00	190.58	189.81	190.87	0.017952	4.27	625.52	396.01	0.60

HEC-RAS Plan: NoPA45 (Continued)

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
Gober-2-Chiq	35351	2-EV	732.00	188.00	189.31	188.78	189.43	0.011943	2.81	260.55	217.49	0.45
Chiq-2-Oso	35120	100-EV	2192.00	185.94	193.38	191.40	193.96	0.007658	6.12	3596.32	711.64	0.48
Chiq-2-Oso	35120	50-EV	19340.00	185.94	192.98	191.14	193.51	0.007723	5.83	3316.85	709.92	0.48
Chiq-2-Oso	35120	25-EV	16148.00	185.94	192.49	190.81	192.95	0.007784	5.45	2964.99	707.85	0.47
Chiq-2-Oso	35120	10-EV	7435.00	185.94	190.90	189.57	191.15	0.007890	4.03	1845.67	701.78	0.44
Chiq-2-Oso	35120	5-EV	2778.00	185.94	189.60	188.60	189.72	0.006295	2.78	1000.62	555.81	0.36
Chiq-2-Oso	35120	2-EV	737.00	185.94	188.42	187.20	188.47	0.006338	1.84	400.54	427.85	0.34
Chiq-2-Oso	35014	100-EV	2192.00	186.00	192.70	190.54	193.21	0.006206	5.73	3837.60	751.05	0.45
Chiq-2-Oso	35014	50-EV	19340.00	186.00	192.29	190.28	192.75	0.006298	5.48	3531.97	748.31	0.44
Chiq-2-Oso	35014	25-EV	16148.00	186.00	191.78	189.97	192.18	0.006396	5.13	3148.92	745.13	0.44
Chiq-2-Oso	35014	10-EV	7435.00	186.00	190.16	188.94	190.39	0.006494	3.81	1953.73	735.68	0.41
Chiq-2-Oso	35014	5-EV	2778.00	186.00	188.99	188.10	189.08	0.005663	2.52	1101.04	711.18	0.36
Chiq-2-Oso	35014	2-EV	737.00	186.00	187.38	186.92	187.50	0.013808	2.85	258.20	265.70	0.51
Chiq-2-Oso	34912	100-EV	2192.00	184.00	192.06	189.92	192.56	0.006388	5.71	3848.63	765.46	0.45
Chiq-2-Oso	34912	50-EV	19340.00	184.00	191.63	189.68	192.10	0.006589	5.49	3525.88	755.64	0.45
Chiq-2-Oso	34912	25-EV	16148.00	184.00	191.09	189.36	191.51	0.006878	5.18	3118.89	753.64	0.45
Chiq-2-Oso	34912	10-EV	7435.00	184.00	189.37	188.36	189.63	0.008471	4.06	1830.62	747.22	0.46
Chiq-2-Oso	34912	5-EV	2778.00	184.00	188.13	186.77	188.28	0.011685	3.05	911.57	730.63	0.48
Chiq-2-Oso	34912	2-EV	737.00	184.00	186.53	185.52	186.61	0.005955	2.22	331.40	246.85	0.34
Chiq-2-Oso	34804	100-EV	2192.00	184.00	191.46	188.85	191.90	0.005586	5.38	4087.55	728.56	0.40
Chiq-2-Oso	34804	50-EV	19340.00	184.00	191.02	188.60	191.43	0.005634	5.13	3768.44	726.14	0.40
Chiq-2-Oso	34804	25-EV	16148.00	184.00	190.46	188.28	190.82	0.005686	4.80	3366.60	723.55	0.39
Chiq-2-Oso	34804	10-EV	7435.00	184.00	188.64	187.17	188.85	0.006100	3.61	2058.70	715.91	0.38
Chiq-2-Oso	34804	5-EV	2778.00	184.00	187.30	186.28	187.40	0.005866	2.49	1115.14	655.44	0.34
Chiq-2-Oso	34804	2-EV	737.00	184.00	185.78	184.89	185.86	0.008352	2.30	320.64	237.39	0.35
Chiq-2-Oso	34699	100-EV	2192.00	182.00	190.79	188.36	191.27	0.006464	5.59	3931.89	715.09	0.42
Chiq-2-Oso	34699	50-EV	19340.00	182.00	190.34	188.09	190.78	0.006619	5.36	3611.17	713.84	0.42
Chiq-2-Oso	34699	25-EV	16148.00	182.00	189.77	187.72	190.16	0.006834	5.04	3206.27	712.35	0.42
Chiq-2-Oso	34699	10-EV	7435.00	182.00	187.85	186.62	188.10	0.008216	4.02	1850.38	677.29	0.43
Chiq-2-Oso	34699	5-EV	2778.00	182.00	186.43	185.22	186.57	0.010908	3.04	912.39	642.57	0.45
Chiq-2-Oso	34699	2-EV	737.00	182.00	185.07	184.20	185.13	0.005840	2.06	358.48	259.83	0.31
Chiq-2-Oso	34603	100-EV	2192.00	182.00	190.39	188.81	190.73	0.004268	4.71	4669.81	786.50	0.34
Chiq-2-Oso	34603	50-EV	19340.00	182.00	189.92	188.24	190.24	0.004302	4.49	4306.38	784.38	0.34
Chiq-2-Oso	34603	25-EV	16148.00	182.00	189.34	187.61	189.61	0.004327	4.20	3848.68	780.95	0.33
Chiq-2-Oso	34603	10-EV	7435.00	182.00	187.30	186.47	187.47	0.005024	3.26	2280.97	758.84	0.33
Chiq-2-Oso	34603	5-EV	2778.00	182.00	185.79	185.88	185.88	0.004906	2.40	1156.98	643.86	0.32
Chiq-2-Oso	34603	2-EV	737.00	182.00	184.54	184.58	184.58	0.005514	1.65	447.33	484.64	0.30
Chiq-2-Oso	34503	100-EV	2192.00	182.00	189.90	186.81	190.27	0.004907	4.85	4530.46	799.22	0.36
Chiq-2-Oso	34503	50-EV	19340.00	182.00	189.43	186.53	189.76	0.005062	4.66	4151.90	798.27	0.36
Chiq-2-Oso	34503	25-EV	16148.00	182.00	188.83	186.19	189.13	0.005288	4.40	3673.72	797.07	0.36
Chiq-2-Oso	34503	10-EV	7435.00	182.00	186.78	185.09	186.96	0.004972	3.43	2165.56	689.99	0.34
Chiq-2-Oso	34503	5-EV	2778.00	182.00	185.31	184.25	185.39	0.004806	2.36	1175.70	651.84	0.31
Chiq-2-Oso	34503	2-EV	737.00	182.00	183.95	182.98	184.02	0.005685	2.06	357.17	306.39	0.34
Chiq-2-Oso	34398	100-EV	2192.00	182.00	189.39	188.75	189.75	0.005020	4.81	4569.61	825.81	0.36
Chiq-2-Oso	34398	50-EV	19340.00	182.00	188.89	187.22	189.22	0.005306	4.65	4156.51	824.46	0.37
Chiq-2-Oso	34398	25-EV	16148.00	182.00	188.24	186.55	188.55	0.005817	4.46	3623.65	822.74	0.37
Chiq-2-Oso	34398	10-EV	7435.00	182.00	186.16	184.37	186.37	0.006560	3.66	2028.94	716.97	0.38
Chiq-2-Oso	34398	5-EV	2778.00	182.00	184.70	184.81	184.81	0.006548	2.62	1060.18	634.28	0.36
Chiq-2-Oso	34398	2-EV	737.00	182.00	183.09	183.18	183.18	0.011952	2.47	297.80	340.36	0.47
Chiq-2-Oso	34296	100-EV	2192.00	180.00	188.98	188.32	189.32	0.003419	4.67	4712.33	763.33	0.33
Chiq-2-Oso	34296	50-EV	19340.00	180.00	188.46	186.78	188.78	0.003522	4.48	4318.72	761.74	0.33
Chiq-2-Oso	34296	25-EV	16148.00	180.00	187.79	186.07	188.07	0.003720	4.25	3803.76	758.35	0.33
Chiq-2-Oso	34296	10-EV	7435.00	180.00	185.61	183.79	185.79	0.004708	3.41	2180.64	724.04	0.35
Chiq-2-Oso	34296	5-EV	2778.00	180.00	184.13	184.22	184.22	0.004928	2.43	1142.61	650.39	0.32
Chiq-2-Oso	34296	2-EV	737.00	180.00	182.43	182.48	182.48	0.004315	1.78	415.16	341.81	0.28
Chiq-2-Oso	34194	100-EV	2192.00	180.00	188.50	188.92	188.92	0.004427	5.17	4254.92	764.21	0.39
Chiq-2-Oso	34194	50-EV	19340.00	180.00	187.97	186.36	188.36	0.004615	5.03	3847.33	733.07	0.39
Chiq-2-Oso	34194	25-EV	16148.00	180.00	187.27	185.63	187.63	0.004939	4.83	3342.79	700.73	0.39
Chiq-2-Oso	34194	10-EV	7435.00	180.00	184.93	183.20	185.20	0.007342	4.12	1804.40	640.18	0.43
Chiq-2-Oso	34194	5-EV	2778.00	180.00	183.44	183.59	183.59	0.007909	3.10	896.87	526.82	0.42
Chiq-2-Oso	34194	2-EV	737.00	180.00	181.76	181.89	181.89	0.008062	2.83	259.99	168.54	0.40
Chiq-2-Oso	34095	100-EV	2192.00	178.21	188.13	188.51	188.51	0.003650	4.97	4423.64	737.72	0.36
Chiq-2-Oso	34095	50-EV	19340.00	178.21	187.58	186.94	187.94	0.003772	4.81	4022.34	724.85	0.36
Chiq-2-Oso	34095	25-EV	16148.00	178.21	186.85	185.18	187.18	0.004034	4.62	3496.46	706.11	0.37
Chiq-2-Oso	34095	10-EV	7435.00	178.21	184.30	184.54	184.54	0.005824	3.96	1877.70	593.92	0.39
Chiq-2-Oso	34095	5-EV	2778.00	178.21	182.62	182.77	182.77	0.008682	3.06	907.57	568.98	0.43
Chiq-2-Oso	34095	2-EV	737.00	178.21	181.10	181.18	181.18	0.006032	2.25	327.13	253.49	0.35
Chiq-2-Oso	33992	100-EV	2192.00	178.00	187.81	188.15	188.15	0.003146	4.69	4684.96	716.91	0.32
Chiq-2-Oso	33992	50-EV	19340.00	178.00	187.25	187.57	187.57	0.003242	4.51	4285.74	712.21	0.32

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	33992	25-EV	16148.00	178.00	186.49		186.78	0.003487	4.31	3746.19	705.57	0.33
Chiq-2-Oso	33992	10-EV	7435.00	178.00	183.78		184.00	0.004676	3.74	1990.11	575.32	0.35
Chiq-2-Oso	33992	5-EV	2778.00	178.00	181.95		182.07	0.005362	2.87	969.04	466.38	0.35
Chiq-2-Oso	33992	2-EV	737.00	178.00	180.56		180.62	0.004882	1.86	395.74	371.98	0.32
Chiq-2-Oso	33878	100-EV	21992.00	178.00	187.46		187.80	0.003001	4.64	4736.08	706.43	0.32
Chiq-2-Oso	33878	50-EV	19340.00	178.00	186.90		187.20	0.003069	4.46	4336.26	701.44	0.32
Chiq-2-Oso	33878	25-EV	16148.00	178.00	186.11		186.39	0.003291	4.27	3785.43	694.40	0.32
Chiq-2-Oso	33878	10-EV	7435.00	178.00	183.25		183.47	0.004522	3.76	1979.72	554.76	0.35
Chiq-2-Oso	33878	5-EV	2778.00	178.00	181.14		181.30	0.008615	3.25	855.19	508.56	0.44
Chiq-2-Oso	33878	2-EV	737.00	178.00	179.57		179.74	0.013224	3.27	225.18	163.18	0.49
Chiq-2-Oso	33773	100-EV	21992.00	176.00	187.12		187.47	0.003214	4.76	4624.14	712.38	0.33
Chiq-2-Oso	33773	50-EV	19340.00	176.00	186.54		186.87	0.003285	4.59	4214.95	705.97	0.33
Chiq-2-Oso	33773	25-EV	16148.00	176.00	185.74		186.04	0.003242	4.41	3664.57	655.71	0.33
Chiq-2-Oso	33773	10-EV	7435.00	176.00	182.88		183.08	0.003073	3.60	2066.63	449.52	0.30
Chiq-2-Oso	33773	5-EV	2778.00	176.00	180.64		180.74	0.003470	2.61	1065.53	443.51	0.30
Chiq-2-Oso	33773	2-EV	737.00	176.00	179.04		179.09	0.003277	1.75	420.12	355.91	0.28
Chiq-2-Oso	33669	100-EV	21992.00	176.00	186.63		187.04	0.005291	5.16	4259.70	731.86	0.38
Chiq-2-Oso	33669	50-EV	19340.00	176.00	186.01		186.41	0.005877	5.07	3811.82	728.44	0.39
Chiq-2-Oso	33669	25-EV	16148.00	176.00	185.21		185.59	0.005894	4.95	3262.49	653.46	0.39
Chiq-2-Oso	33669	10-EV	7435.00	176.00	182.41		182.67	0.004969	4.09	1819.36	440.44	0.35
Chiq-2-Oso	33669	5-EV	2778.00	176.00	180.09		180.25	0.006533	3.21	864.11	374.73	0.37
Chiq-2-Oso	33669	2-EV	737.00	176.00	178.38		178.48	0.013020	2.48	297.16	325.24	0.46
Chiq-2-Oso	33568	100-EV	21992.00	174.00	186.13		186.57	0.004070	5.35	4113.70	696.14	0.39
Chiq-2-Oso	33568	50-EV	19340.00	174.00	185.51		185.93	0.004013	5.20	3717.95	615.41	0.37
Chiq-2-Oso	33568	25-EV	16148.00	174.00	184.72		185.10	0.004023	4.97	3245.99	584.93	0.37
Chiq-2-Oso	33568	10-EV	7435.00	174.00	181.98		182.23	0.003892	4.04	1841.74	426.78	0.34
Chiq-2-Oso	33568	5-EV	2778.00	174.00	179.60		179.74	0.003913	3.01	922.42	335.63	0.32
Chiq-2-Oso	33568	2-EV	737.00	174.00	177.65		177.73	0.004751	2.26	325.84	262.42	0.36
Chiq-2-Oso	33458	100-EV	21992.00	174.00	185.51	181.56	186.07	0.004883	6.02	3655.44	472.23	0.38
Chiq-2-Oso	33458	50-EV	19340.00	174.00	184.92	181.09	185.43	0.004841	5.72	3381.59	468.70	0.38
Chiq-2-Oso	33458	25-EV	16148.00	174.00	184.17	180.51	184.62	0.004787	5.33	3031.79	464.16	0.37
Chiq-2-Oso	33458	10-EV	7435.00	174.00	181.50	178.69	181.76	0.004729	4.09	1819.60	414.81	0.34
Chiq-2-Oso	33458	5-EV	2778.00	174.00	179.20	177.10	179.32	0.003626	2.81	988.58	330.18	0.29
Chiq-2-Oso	33458	2-EV	737.00	174.00	177.28	175.83	177.33	0.002796	1.73	425.53	237.24	0.23
Chiq-2-Oso	33352	100-EV	22884.00	174.00	184.83	181.09	185.45	0.006859	6.31	3623.82	487.33	0.41
Chiq-2-Oso	33352	50-EV	20136.00	174.00	184.26	180.70	184.82	0.006807	6.02	3345.46	481.96	0.40
Chiq-2-Oso	33352	25-EV	16813.00	174.00	183.52	180.18	184.01	0.006725	5.62	2992.55	475.28	0.39
Chiq-2-Oso	33352	10-EV	7588.00	174.00	180.94	178.30	181.20	0.005761	4.15	1828.98	414.40	0.35
Chiq-2-Oso	33352	5-EV	2873.00	174.00	178.75	176.88	178.88	0.004897	2.85	1006.45	349.09	0.30
Chiq-2-Oso	33352	2-EV	714.00	174.00	176.93	175.45	176.97	0.004192	1.66	430.37	283.48	0.24
Chiq-2-Oso	33244	100-EV	22884.00	174.00	184.17	180.20	184.74	0.006126	6.09	3758.41	543.43	0.38
Chiq-2-Oso	33244	50-EV	20136.00	174.00	183.60	179.82	184.12	0.005962	5.77	3491.70	473.50	0.37
Chiq-2-Oso	33244	25-EV	16813.00	174.00	182.89	179.34	183.33	0.005718	5.33	3154.46	467.78	0.36
Chiq-2-Oso	33244	10-EV	7588.00	174.00	180.41	177.74	180.63	0.004681	3.75	2024.12	443.14	0.31
Chiq-2-Oso	33244	5-EV	2873.00	174.00	178.26	176.46	178.36	0.004540	2.61	1101.99	411.69	0.28
Chiq-2-Oso	33244	2-EV	714.00	174.00	176.39	175.21	176.44	0.005866	1.72	414.56	331.26	0.27
Chiq-2-Oso	33144	100-EV	22884.00	173.69	183.59		184.16	0.005459	6.03	3795.36	586.29	0.42
Chiq-2-Oso	33144	50-EV	20136.00	173.69	183.01		183.54	0.005597	5.83	3456.29	583.30	0.42
Chiq-2-Oso	33144	25-EV	16813.00	173.69	182.27		182.75	0.005797	5.56	3022.34	579.46	0.43
Chiq-2-Oso	33144	10-EV	7588.00	173.69	179.73		180.07	0.006287	4.73	1602.62	462.74	0.45
Chiq-2-Oso	33144	5-EV	2873.00	173.69	177.67		177.84	0.005945	3.31	867.05	319.17	0.35
Chiq-2-Oso	33144	2-EV	714.00	173.69	175.70		175.80	0.006903	2.45	291.76	191.73	0.35
Chiq-2-Oso	33046	100-EV	22884.00	172.00	183.09		183.64	0.005096	5.97	3831.35	568.66	0.41
Chiq-2-Oso	33046	50-EV	20136.00	172.00	182.49		183.01	0.005237	5.76	3495.18	565.79	0.41
Chiq-2-Oso	33046	25-EV	16813.00	172.00	181.73		182.19	0.005457	5.49	3063.20	561.39	0.41
Chiq-2-Oso	33046	10-EV	7588.00	172.00	179.11		179.44	0.006529	4.61	1644.32	491.51	0.44
Chiq-2-Oso	33046	5-EV	2873.00	172.00	176.97		177.17	0.007828	3.62	794.59	324.64	0.41
Chiq-2-Oso	33046	2-EV	714.00	172.00	174.84		174.97	0.010510	2.89	247.48	180.25	0.43
Chiq-2-Oso	32945	100-EV	22884.00	172.00	182.72		183.18	0.003675	5.45	4199.80	554.17	0.35
Chiq-2-Oso	32945	50-EV	20136.00	172.00	182.12		182.54	0.003668	5.20	3870.32	551.31	0.35
Chiq-2-Oso	32945	25-EV	16813.00	172.00	181.35		181.72	0.003659	4.88	3446.41	547.67	0.34
Chiq-2-Oso	32945	10-EV	7588.00	172.00	178.71		178.93	0.003601	3.75	2022.69	530.26	0.34
Chiq-2-Oso	32945	5-EV	2873.00	172.00	176.51		176.64	0.003557	2.93	980.57	392.06	0.33
Chiq-2-Oso	32945	2-EV	714.00	172.00	174.34		174.39	0.003394	1.84	388.74	225.31	0.25
Chiq-2-Oso	32844	100-EV	22884.00	171.88	182.23		182.77	0.004260	5.89	3885.12	503.86	0.37
Chiq-2-Oso	32844	50-EV	20136.00	171.88	181.65		182.14	0.004214	5.60	3592.66	501.27	0.37
Chiq-2-Oso	32844	25-EV	16813.00	171.88	180.90		181.32	0.004150	5.23	3215.92	497.82	0.36
Chiq-2-Oso	32844	10-EV	7588.00	171.88	178.32		178.55	0.003872	3.90	1947.58	486.15	0.34
Chiq-2-Oso	32844	5-EV	2873.00	171.88	176.09		176.25	0.004192	3.17	905.55	404.75	0.37
Chiq-2-Oso	32844	2-EV	714.00	171.88	173.77		173.87	0.008364	2.56	278.69	196.02	0.38

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	32744	100-EV	22884.00	170.00	181.58		182.25	0.006172	6.55	3494.39	466.94	0.42
Chiq-2-Oso	32744	50-EV	20136.00	170.00	181.02		181.62	0.006160	6.23	3230.95	465.07	0.42
Chiq-2-Oso	32744	25-EV	16813.00	170.00	180.28		180.81	0.006165	5.82	2890.38	462.65	0.41
Chiq-2-Oso	32744	10-EV	7588.00	170.00	177.76		178.05	0.006520	4.37	1736.08	448.25	0.39
Chiq-2-Oso	32744	5-EV	2873.00	170.00	175.55		175.74	0.006226	3.47	828.79	301.95	0.37
Chiq-2-Oso	32744	2-EV	714.00	170.00	173.05		173.16	0.006218	2.66	268.00	141.35	0.34
Chiq-2-Oso	32643	100-EV	22884.00	170.00	181.05		181.66	0.005295	6.24	3670.13	470.14	0.39
Chiq-2-Oso	32643	50-EV	20136.00	170.00	180.49		181.03	0.005217	5.91	3406.71	468.32	0.39
Chiq-2-Oso	32643	25-EV	16813.00	170.00	179.76		180.23	0.005122	5.48	3065.42	465.93	0.38
Chiq-2-Oso	32643	10-EV	7588.00	170.00	177.23		177.47	0.004848	4.00	1899.23	449.04	0.34
Chiq-2-Oso	32643	5-EV	2873.00	170.00	175.01		175.15	0.005257	2.97	967.19	384.50	0.33
Chiq-2-Oso	32643	2-EV	714.00	170.00	172.59		172.66	0.003784	2.09	342.38	178.33	0.27
Chiq-2-Oso	32544	100-EV	22884.00	170.00	180.46		181.10	0.005732	6.44	3553.87	477.85	0.42
Chiq-2-Oso	32544	50-EV	20136.00	170.00	179.91		180.49	0.005655	6.12	3290.38	476.31	0.41
Chiq-2-Oso	32544	25-EV	16813.00	170.00	179.19		179.69	0.005557	5.70	2948.20	474.29	0.40
Chiq-2-Oso	32544	10-EV	7588.00	170.00	176.69		176.97	0.005197	4.28	1770.83	467.30	0.39
Chiq-2-Oso	32544	5-EV	2873.00	170.00	174.51		174.66	0.004582	3.11	922.54	332.75	0.33
Chiq-2-Oso	32544	2-EV	714.00	170.00	172.18		172.25	0.004602	2.11	338.72	194.64	0.28
Chiq-2-Oso	32497	100-EV	22884.00	170.00	180.18		180.83	0.005908	6.43	3557.24	491.63	0.42
Chiq-2-Oso	32497	50-EV	20136.00	170.00	179.63		180.22	0.005861	6.13	3286.37	489.52	0.42
Chiq-2-Oso	32497	25-EV	16813.00	170.00	178.91		179.42	0.005806	5.73	2935.20	486.63	0.41
Chiq-2-Oso	32497	10-EV	7588.00	170.00	176.42		176.71	0.005641	4.38	1732.76	470.49	0.40
Chiq-2-Oso	32497	5-EV	2873.00	170.00	174.25		174.41	0.005785	3.26	881.49	361.71	0.37
Chiq-2-Oso	32497	2-EV	714.00	170.00	171.93		172.01	0.005316	2.29	312.27	180.31	0.31
Chiq-2-Oso	32454	100-EV	22884.00	169.27	179.94		180.56	0.006274	6.34	3611.60	498.57	0.42
Chiq-2-Oso	32454	50-EV	20136.00	169.27	179.38		179.95	0.006283	6.03	3336.67	496.70	0.41
Chiq-2-Oso	32454	25-EV	16813.00	169.27	178.66		179.16	0.006333	5.64	2979.37	494.25	0.41
Chiq-2-Oso	32454	10-EV	7588.00	169.27	176.16		176.45	0.006698	4.30	1766.48	461.51	0.39
Chiq-2-Oso	32454	5-EV	2873.00	169.27	173.99		174.15	0.006602	3.19	900.69	361.42	0.36
Chiq-2-Oso	32454	2-EV	714.00	169.27	171.59		171.70	0.009926	2.70	264.38	179.97	0.39
Chiq-2-Oso	32349	100-EV	22884.00	168.00	179.43		179.96	0.004815	5.82	3928.67	531.21	0.38
Chiq-2-Oso	32349	50-EV	20136.00	168.00	178.88		179.36	0.004758	5.54	3634.56	529.47	0.37
Chiq-2-Oso	32349	25-EV	16813.00	168.00	178.16		178.57	0.004625	5.16	3255.91	520.56	0.36
Chiq-2-Oso	32349	10-EV	7588.00	168.00	175.70		175.91	0.003751	3.72	2037.48	447.64	0.31
Chiq-2-Oso	32349	5-EV	2873.00	168.00	173.56		173.66	0.003277	2.54	1132.15	383.16	0.26
Chiq-2-Oso	32349	2-EV	714.00	168.00	171.15		171.20	0.002653	1.81	394.91	194.92	0.22
Chiq-2-Oso	32249	100-EV	22884.00	168.00	178.94		179.47	0.004979	5.84	3915.87	531.73	0.38
Chiq-2-Oso	32249	50-EV	20136.00	168.00	178.39		178.87	0.004957	5.56	3624.13	529.77	0.37
Chiq-2-Oso	32249	25-EV	16813.00	168.00	177.68		178.09	0.004935	5.18	3247.90	527.19	0.37
Chiq-2-Oso	32249	10-EV	7588.00	168.00	175.25		175.48	0.005063	3.83	1979.26	517.23	0.35
Chiq-2-Oso	32249	5-EV	2873.00	168.00	173.15		173.27	0.004443	2.86	1003.43	371.49	0.31
Chiq-2-Oso	32249	2-EV	714.00	168.00	170.81		170.88	0.003885	2.06	345.80	187.02	0.27
Chiq-2-Oso	32149	100-EV	22884.00	167.52	177.63	174.29	178.22	0.005943	6.13	3731.02	520.77	0.40
Chiq-2-Oso	32149	50-EV	20136.00	167.52	177.10	173.95	177.63	0.005875	5.83	3454.15	518.48	0.40
Chiq-2-Oso	32149	25-EV	16813.00	167.52	176.41	173.49	176.87	0.005783	5.43	3096.84	515.50	0.39
Chiq-2-Oso	32149	10-EV	7588.00	167.52	174.01	171.86	174.27	0.005507	4.04	1877.95	502.09	0.37
Chiq-2-Oso	32149	5-EV	2873.00	167.52	172.04	170.06	172.19	0.005125	3.02	950.13	437.79	0.36
Chiq-2-Oso	32149	2-EV	714.00	167.52	169.90	168.72	169.96	0.004196	2.05	348.48	203.88	0.28
Chiq-2-Oso	32067		Bridge									
Chiq-2-Oso	31822	100-EV	22884.00	166.00	175.82	172.50	176.43	0.006200	6.27	3649.62	556.95	0.41
Chiq-2-Oso	31822	50-EV	20136.00	166.00	175.32	172.16	175.87	0.006043	5.92	3401.20	554.01	0.40
Chiq-2-Oso	31822	25-EV	16813.00	166.00	174.68	171.72	175.14	0.005831	5.46	3078.76	549.95	0.39
Chiq-2-Oso	31822	10-EV	7588.00	166.00	172.31	170.31	172.55	0.005710	3.98	1905.80	532.68	0.36
Chiq-2-Oso	31822	5-EV	2873.00	166.00	170.18	168.02	170.34	0.010052	3.25	884.13	507.87	0.42
Chiq-2-Oso	31822	2-EV	714.00	166.00	167.83	166.81	167.91	0.004820	2.15	332.48	206.78	0.29
Chiq-2-Oso	31649	100-EV	22884.00	164.00	174.76	171.71	175.32	0.005829	5.98	3823.64	590.55	0.41
Chiq-2-Oso	31649	50-EV	20136.00	164.00	174.29	171.39	174.79	0.005714	5.68	3543.86	586.80	0.41
Chiq-2-Oso	31649	25-EV	16813.00	164.00	173.67	170.97	174.10	0.005542	5.28	3183.99	581.49	0.40
Chiq-2-Oso	31649	10-EV	7588.00	164.00	171.19	168.69	171.47	0.006198	4.24	1790.39	538.42	0.41
Chiq-2-Oso	31649	5-EV	2873.00	164.00	169.01	167.16	169.18	0.004531	3.26	880.23	283.42	0.33
Chiq-2-Oso	31649	2-EV	714.00	164.00	167.21	165.77	167.26	0.002681	1.75	407.26	242.07	0.24
Chiq-2-Oso	31548	100-EV	22884.00	164.00	174.05		174.68	0.006754	6.37	3595.21	615.76	0.46
Chiq-2-Oso	31548	50-EV	20136.00	164.00	173.58		174.16	0.006721	6.09	3308.28	610.14	0.46
Chiq-2-Oso	31548	25-EV	16813.00	164.00	172.98		173.49	0.006657	5.71	2941.92	603.53	0.46
Chiq-2-Oso	31548	10-EV	7588.00	164.00	170.46		170.81	0.006894	4.70	1614.29	435.99	0.43
Chiq-2-Oso	31548	5-EV	2873.00	164.00	168.49		168.66	0.005720	3.36	854.91	369.51	0.39
Chiq-2-Oso	31548	2-EV	714.00	164.00	166.86		166.92	0.004281	1.98	360.10	268.87	0.30
Chiq-2-Oso	31440	100-EV	22884.00	164.00	173.13		173.86	0.008474	6.83	3349.01	631.11	0.52

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	31440	50-EV	20136.00	164.00	172.65		173.33	0.008670	6.61	3046.56	620.61	0.53
Chiq-2-Oso	31440	25-EV	16813.00	164.00	172.03		172.65	0.008916	6.30	2667.56	608.05	0.53
Chiq-2-Oso	31440	10-EV	7588.00	164.00	169.49		169.94	0.009227	5.38	1411.21	398.43	0.50
Chiq-2-Oso	31440	5-EV	2873.00	164.00	167.62		167.88	0.009375	4.07	705.69	301.14	0.47
Chiq-2-Oso	31440	2-EV	714.00	164.00	166.02		166.16	0.013864	2.94	242.95	278.79	0.56
Chiq-2-Oso	31337	100-EV	22884.00	162.00	172.51		173.06	0.006298	5.95	3842.84	732.50	0.46
Chiq-2-Oso	31337	50-EV	20136.00	162.00	172.01		172.53	0.006243	5.77	3490.48	674.71	0.45
Chiq-2-Oso	31337	25-EV	16813.00	162.00	171.37		171.84	0.006318	5.48	3067.01	659.56	0.45
Chiq-2-Oso	31337	10-EV	7588.00	162.00	168.85		169.17	0.005617	4.54	1669.98	452.41	0.42
Chiq-2-Oso	31337	5-EV	2873.00	162.00	167.07		167.22	0.004267	3.10	926.53	339.76	0.33
Chiq-2-Oso	31337	2-EV	714.00	162.00	165.37		165.42	0.004114	1.81	394.97	303.30	0.28
Chiq-2-Oso	31231	100-EV	22884.00	161.97	171.82		172.33	0.007155	5.72	4000.08	728.22	0.43
Chiq-2-Oso	31231	50-EV	20136.00	161.97	171.30		171.78	0.007628	5.56	3623.30	723.13	0.44
Chiq-2-Oso	31231	25-EV	16813.00	161.97	170.61		171.06	0.008328	5.37	3130.64	703.29	0.45
Chiq-2-Oso	31231	10-EV	7588.00	161.97	168.19		168.49	0.007241	4.37	1736.54	487.81	0.41
Chiq-2-Oso	31231	5-EV	2873.00	161.97	166.41		166.57	0.009183	3.23	889.38	471.55	0.41
Chiq-2-Oso	31231	2-EV	714.00	161.97	164.82		164.89	0.006104	2.04	349.16	275.98	0.32
Chiq-2-Oso	31131	100-EV	22884.00	162.00	171.20		171.70	0.005582	5.69	4021.45	701.84	0.42
Chiq-2-Oso	31131	50-EV	20136.00	162.00	170.66		171.14	0.005563	5.50	3657.95	659.68	0.41
Chiq-2-Oso	31131	25-EV	16813.00	162.00	169.97		170.39	0.005430	5.22	3218.90	607.07	0.40
Chiq-2-Oso	31131	10-EV	7588.00	162.00	167.61		167.86	0.005304	4.06	1869.42	541.45	0.39
Chiq-2-Oso	31131	5-EV	2873.00	162.00	165.73		165.88	0.005458	3.06	939.09	374.32	0.34
Chiq-2-Oso	31131	2-EV	714.00	162.00	164.27		164.32	0.005249	1.77	402.30	349.61	0.29
Chiq-2-Oso	31022	100-EV	22884.00	162.00	170.48		171.05	0.006254	6.03	3792.61	728.38	0.47
Chiq-2-Oso	31022	50-EV	20136.00	162.00	169.94		170.48	0.006318	5.92	3402.30	642.68	0.45
Chiq-2-Oso	31022	25-EV	16813.00	162.00	169.24		169.74	0.006528	5.66	2970.73	604.83	0.45
Chiq-2-Oso	31022	10-EV	7588.00	162.00	166.86		167.19	0.007047	4.63	1640.57	524.89	0.46
Chiq-2-Oso	31022	5-EV	2873.00	162.00	164.98		165.17	0.007730	3.47	827.18	358.54	0.40
Chiq-2-Oso	31022	2-EV	714.00	162.00	163.51		163.59	0.008883	2.23	320.74	293.15	0.38
Chiq-2-Oso	30920	100-EV	22884.00	159.65	169.85		170.37	0.006859	5.79	3952.33	683.12	0.42
Chiq-2-Oso	30920	50-EV	20136.00	159.65	169.29		169.79	0.007045	5.63	3576.77	658.77	0.43
Chiq-2-Oso	30920	25-EV	16813.00	159.65	168.59		169.04	0.006965	5.37	3130.89	615.32	0.42
Chiq-2-Oso	30920	10-EV	7588.00	159.65	166.23		166.49	0.006290	4.07	1864.79	519.18	0.38
Chiq-2-Oso	30920	5-EV	2873.00	159.65	164.32		164.46	0.006023	2.96	970.27	426.08	0.35
Chiq-2-Oso	30920	2-EV	714.00	159.65	162.79		162.84	0.006028	1.82	392.14	361.64	0.31
Chiq-2-Oso	30812	100-EV	22884.00	160.00	169.11		169.67	0.006006	6.02	3803.92	657.12	0.44
Chiq-2-Oso	30812	50-EV	20136.00	160.00	168.51		169.05	0.006390	5.89	3417.48	645.98	0.45
Chiq-2-Oso	30812	25-EV	16813.00	160.00	167.77		168.28	0.006926	5.71	2943.15	619.20	0.46
Chiq-2-Oso	30812	10-EV	7588.00	160.00	165.26		165.65	0.009452	5.02	1511.91	491.66	0.50
Chiq-2-Oso	30812	5-EV	2873.00	160.00	163.36		163.60	0.010645	3.94	729.80	343.45	0.48
Chiq-2-Oso	30812	2-EV	714.00	160.00	161.81		161.94	0.011897	2.95	241.77	184.64	0.45
Chiq-2-Oso	30711	100-EV	22884.00	158.00	168.63		169.10	0.004855	5.47	4186.67	643.73	0.38
Chiq-2-Oso	30711	50-EV	20136.00	158.00	168.01		168.45	0.005107	5.32	3788.16	634.51	0.38
Chiq-2-Oso	30711	25-EV	16813.00	158.00	167.22		167.63	0.005456	5.09	3301.38	605.78	0.38
Chiq-2-Oso	30711	10-EV	7588.00	158.00	164.61		164.87	0.005884	4.09	1855.33	504.72	0.38
Chiq-2-Oso	30711	5-EV	2873.00	158.00	162.73		162.85	0.004971	2.81	1022.68	406.53	0.31
Chiq-2-Oso	30711	2-EV	714.00	158.00	160.83		160.91	0.008648	2.20	324.11	304.87	0.38
Chiq-2-Oso	30609	100-EV	22884.00	158.00	168.11		168.59	0.005070	5.56	4118.70	647.53	0.39
Chiq-2-Oso	30609	50-EV	20136.00	158.00	167.46		167.92	0.005387	5.42	3718.55	602.46	0.38
Chiq-2-Oso	30609	25-EV	16813.00	158.00	166.64		167.06	0.005740	5.21	3227.40	585.74	0.39
Chiq-2-Oso	30609	10-EV	7588.00	158.00	163.97		164.23	0.006593	4.16	1825.71	487.77	0.38
Chiq-2-Oso	30609	5-EV	2873.00	158.00	162.12		162.26	0.007011	2.99	962.47	443.40	0.36
Chiq-2-Oso	30609	2-EV	714.00	158.00	160.19		160.25	0.004944	1.92	372.36	248.34	0.28
Chiq-2-Oso	30509	100-EV	22884.00	156.45	167.41		167.99	0.007019	6.10	3754.55	618.75	0.44
Chiq-2-Oso	30509	50-EV	20136.00	156.45	166.69		167.26	0.007729	6.06	3321.13	590.79	0.45
Chiq-2-Oso	30509	25-EV	16813.00	156.45	165.81		166.36	0.008277	5.95	2826.77	498.75	0.44
Chiq-2-Oso	30509	10-EV	7588.00	156.45	163.01		163.39	0.010785	4.93	1538.98	436.10	0.46
Chiq-2-Oso	30509	5-EV	2873.00	156.45	161.04		161.28	0.014190	3.90	737.50	361.76	0.48
Chiq-2-Oso	30509	2-EV	714.00	156.45	159.32		159.45	0.015092	2.94	242.89	183.61	0.45
Chiq-2-Oso	30395	100-EV	22884.00	155.39	166.80		167.29	0.005069	5.60	4086.79	663.44	0.40
Chiq-2-Oso	30395	50-EV	20136.00	155.39	166.00		166.50	0.005628	5.65	3566.91	634.63	0.42
Chiq-2-Oso	30395	25-EV	16813.00	155.39	165.02		165.53	0.006388	5.70	2949.24	619.64	0.46
Chiq-2-Oso	30395	10-EV	7588.00	155.39	161.95		162.33	0.008236	4.94	1536.79	378.39	0.43
Chiq-2-Oso	30395	5-EV	2873.00	155.39	159.85		160.07	0.008279	3.71	775.24	297.86	0.40
Chiq-2-Oso	30395	2-EV	714.00	155.39	158.03		158.13	0.009304	2.53	282.17	238.87	0.41
Chiq-2-Oso	30287	100-EV	22884.00	154.00	166.34		166.75	0.004523	5.14	4454.30	713.66	0.36
Chiq-2-Oso	30287	50-EV	20136.00	154.00	165.49		165.91	0.004906	5.18	3890.73	639.27	0.37
Chiq-2-Oso	30287	25-EV	16813.00	154.00	164.42		164.84	0.005834	5.23	3216.84	616.89	0.40
Chiq-2-Oso	30287	10-EV	7588.00	154.00	161.05		161.41	0.008651	4.83	1571.60	379.88	0.42
Chiq-2-Oso	30287	5-EV	2873.00	154.00	158.87		159.08	0.010056	3.70	777.21	333.36	0.43

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	30287	2-EV	714.00	154.00	157.14		157.23	0.007435	2.43	294.13	206.46	0.36
Chiq-2-Oso	30148	100-EV	22884.00	152.18	165.84		166.22	0.003156	4.99	4588.59	489.25	0.29
Chiq-2-Oso	30148	50-EV	20136.00	152.18	164.97		165.34	0.003316	4.83	4168.15	484.99	0.29
Chiq-2-Oso	30148	25-EV	16813.00	152.18	163.85		164.19	0.003604	4.63	3627.70	480.12	0.30
Chiq-2-Oso	30148	10-EV	7588.00	152.18	160.11		160.37	0.006180	4.08	1861.48	460.46	0.36
Chiq-2-Oso	30148	5-EV	2873.00	152.18	157.18		157.46	0.013753	4.23	679.63	320.79	0.51
Chiq-2-Oso	30148	2-EV	714.00	152.18	154.89		155.26	0.035235	4.87	146.50	134.13	0.82
Chiq-2-Oso	30015	100-EV	22884.00	150.00	165.46	158.54	165.85	0.002436	5.05	4535.82	497.21	0.26
Chiq-2-Oso	30015	50-EV	20136.00	150.00	164.60	157.99	164.95	0.002441	4.80	4198.44	480.30	0.26
Chiq-2-Oso	30015	25-EV	16813.00	150.00	163.47	157.40	163.78	0.002466	4.48	3756.32	451.79	0.26
Chiq-2-Oso	30015	10-EV	7588.00	150.00	159.65	155.43	159.82	0.002657	3.37	2254.06	421.49	0.25
Chiq-2-Oso	30015	5-EV	2873.00	150.00	156.69	153.89	156.78	0.002283	2.39	1201.47	350.21	0.22
Chiq-2-Oso	30015	2-EV	714.00	150.00	154.23	152.38	154.27	0.002712	1.54	464.56	303.69	0.21
Chiq-2-Oso	29779	100-EV	22884.00	150.00	164.59	158.03	165.08	0.004470	5.63	4063.29	578.65	0.31
Chiq-2-Oso	29779	50-EV	20136.00	150.00	163.73	157.56	164.18	0.004520	5.42	3718.26	564.43	0.31
Chiq-2-Oso	29779	25-EV	16813.00	150.00	162.59	156.96	163.00	0.004577	5.13	3278.40	508.10	0.31
Chiq-2-Oso	29779	10-EV	7588.00	150.00	158.80	155.04	159.02	0.004409	3.84	1977.44	374.66	0.27
Chiq-2-Oso	29779	5-EV	2873.00	150.00	155.94	153.12	156.05	0.004361	2.65	1085.71	343.01	0.25
Chiq-2-Oso	29779	2-EV	714.00	150.00	153.55	151.39	153.59	0.003097	1.67	428.38	213.17	0.19
Chiq-2-Oso	29607	100-EV	22884.00	150.00	162.71	158.24	163.76	0.011332	8.21	2786.73	268.82	0.45
Chiq-2-Oso	29607	50-EV	20136.00	150.00	161.92	157.71	162.87	0.011338	7.83	2572.88	268.82	0.45
Chiq-2-Oso	29607	25-EV	16813.00	150.00	160.87	157.04	161.70	0.011242	7.34	2292.05	263.30	0.44
Chiq-2-Oso	29607	10-EV	7588.00	150.00	157.31	154.63	157.78	0.011849	5.54	1370.80	254.11	0.42
Chiq-2-Oso	29607	5-EV	2873.00	150.00	154.66	152.91	154.89	0.010928	3.85	746.44	225.68	0.37
Chiq-2-Oso	29607	2-EV	714.00	150.00	152.68	151.28	152.75	0.008616	2.19	325.76	196.96	0.30
Chiq-2-Oso	29516.5		Bridge									
Chiq-2-Oso	29426	100-EV	22884.00	148.00	160.34	156.31	161.47	0.007893	8.53	2683.97	269.95	0.48
Chiq-2-Oso	29426	50-EV	20136.00	148.00	159.54	155.56	160.57	0.007966	8.16	2466.35	269.95	0.48
Chiq-2-Oso	29426	25-EV	16813.00	148.00	158.49	154.76	159.41	0.008123	7.70	2182.89	269.95	0.48
Chiq-2-Oso	29426	10-EV	7588.00	148.00	154.80	152.26	155.37	0.008123	6.04	1256.09	220.82	0.45
Chiq-2-Oso	29426	5-EV	2873.00	148.00	151.94	150.43	152.24	0.008808	4.43	649.19	203.14	0.44
Chiq-2-Oso	29426	2-EV	714.00	148.00	149.62	149.01	149.78	0.013114	3.22	221.87	154.70	0.47
Chiq-2-Oso	29339	100-EV	22884.00	145.78	159.23	153.95	160.25	0.006672	8.09	2827.61	324.62	0.42
Chiq-2-Oso	29339	50-EV	20136.00	145.78	158.45	153.38	159.36	0.006456	7.63	2637.70	319.47	0.41
Chiq-2-Oso	29339	25-EV	16813.00	145.78	157.43	152.66	158.20	0.006167	7.03	2390.86	293.93	0.39
Chiq-2-Oso	29339	10-EV	7588.00	145.78	153.88	150.29	154.25	0.005046	4.91	1546.49	233.50	0.34
Chiq-2-Oso	29339	5-EV	2873.00	145.78	151.10	148.66	151.26	0.003915	3.15	911.64	223.14	0.27
Chiq-2-Oso	29339	2-EV	714.00	145.78	148.83	147.09	148.88	0.002860	1.72	415.95	212.81	0.22
Chiq-2-Oso	28989	100-EV	22884.00	145.54	157.02	153.09	158.22	0.008020	8.76	2612.76	271.41	0.49
Chiq-2-Oso	28989	50-EV	20136.00	145.54	156.29	152.54	157.37	0.007900	8.32	2420.42	263.78	0.48
Chiq-2-Oso	28989	25-EV	16813.00	145.54	155.35	151.85	156.28	0.007721	7.74	2173.53	259.53	0.47
Chiq-2-Oso	28989	10-EV	7588.00	145.54	152.14	149.60	152.62	0.006892	5.57	1362.51	245.91	0.42
Chiq-2-Oso	28989	5-EV	2873.00	145.54	149.74	148.04	149.95	0.005726	3.66	785.11	235.81	0.35
Chiq-2-Oso	28989	2-EV	714.00	145.54	147.85	146.71	147.92	0.004257	2.04	350.52	201.49	0.27
Chiq-2-Oso	28744	100-EV	22884.00	142.03	155.30		156.14	0.008063	7.35	3111.66	325.05	0.42
Chiq-2-Oso	28744	50-EV	20136.00	142.03	154.55		155.32	0.008078	7.01	2870.48	322.57	0.41
Chiq-2-Oso	28744	25-EV	16813.00	142.03	153.59		154.26	0.008105	6.56	2561.98	319.25	0.41
Chiq-2-Oso	28744	10-EV	7588.00	142.03	150.35		150.72	0.008488	4.91	1543.85	308.30	0.39
Chiq-2-Oso	28744	5-EV	2873.00	142.03	147.93		148.12	0.010070	3.55	808.57	299.23	0.38
Chiq-2-Oso	28744	2-EV	714.00	142.03	146.20		146.28	0.011988	2.26	316.40	259.90	0.36
Chiq-2-Oso	28539	100-EV	22884.00	140.00	153.68		154.52	0.007721	7.36	3111.01	313.47	0.41
Chiq-2-Oso	28539	50-EV	20136.00	140.00	152.96		153.71	0.007581	6.98	2884.46	310.37	0.40
Chiq-2-Oso	28539	25-EV	16813.00	140.00	152.02		152.67	0.007364	6.48	2596.53	306.37	0.39
Chiq-2-Oso	28539	10-EV	7588.00	140.00	148.87		149.20	0.006447	4.60	1648.16	295.66	0.34
Chiq-2-Oso	28539	5-EV	2873.00	140.00	146.45		146.59	0.005710	3.05	941.23	287.46	0.30
Chiq-2-Oso	28539	2-EV	714.00	140.00	144.47		144.52	0.006412	1.86	383.87	272.97	0.28
Chiq-2-Oso	28327	100-EV	22884.00	140.00	151.59		152.60	0.010648	8.07	2836.57	313.83	0.47
Chiq-2-Oso	28327	50-EV	20136.00	140.00	150.89		151.81	0.010658	7.69	2617.90	311.92	0.47
Chiq-2-Oso	28327	25-EV	16813.00	140.00	150.00		150.80	0.010635	7.18	2341.72	309.71	0.46
Chiq-2-Oso	28327	10-EV	7588.00	140.00	147.12		147.53	0.009668	5.18	1464.86	297.65	0.41
Chiq-2-Oso	28327	5-EV	2873.00	140.00	144.90		145.09	0.008937	3.50	819.75	283.95	0.36
Chiq-2-Oso	28327	2-EV	714.00	140.00	142.82		142.90	0.009320	2.33	305.83	206.75	0.34
Chiq-2-Oso	28116	100-EV	22884.00	137.50	148.92		150.06	0.013476	8.57	2668.89	316.95	0.52
Chiq-2-Oso	28116	50-EV	20136.00	137.50	148.13		149.20	0.014198	8.32	2419.97	312.75	0.53
Chiq-2-Oso	28116	25-EV	16813.00	137.50	147.09		148.09	0.015551	8.02	2097.47	307.05	0.54
Chiq-2-Oso	28116	10-EV	7588.00	137.50	144.00		144.65	0.020286	6.46	1174.96	290.86	0.57
Chiq-2-Oso	28116	5-EV	2873.00	137.50	141.70		142.13	0.024472	5.29	543.56	211.19	0.58
Chiq-2-Oso	28116	2-EV	714.00	137.50	139.53		139.75	0.027012	3.80	187.76	122.07	0.54

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	27950	100-EV	22884.00	132.00	147.48		148.32	0.007672	7.37	3107.05	306.23	0.41
Chiq-2-Oso	27950	50-EV	20136.00	132.00	146.63		147.41	0.007819	7.07	2849.28	303.14	0.41
Chiq-2-Oso	27950	25-EV	16813.00	132.00	145.45		146.16	0.008327	6.74	2494.71	298.91	0.41
Chiq-2-Oso	27950	10-EV	7588.00	132.00	142.16		142.54	0.008169	4.96	1530.69	286.55	0.38
Chiq-2-Oso	27950	5-EV	2873.00	132.00	139.77		139.94	0.007802	3.36	854.42	276.66	0.34
Chiq-2-Oso	27950	2-EV	714.00	132.00	137.10		137.24	0.009575	2.95	242.17	116.33	0.36
Chiq-2-Oso	27758	100-EV	22884.00	132.00	146.21		146.77	0.007619	5.99	3818.01	510.96	0.39
Chiq-2-Oso	27758	50-EV	20136.00	132.00	145.16		145.74	0.009009	6.11	3293.66	486.30	0.41
Chiq-2-Oso	27758	25-EV	16813.00	132.00	143.98		144.55	0.008020	6.06	2773.46	378.81	0.39
Chiq-2-Oso	27758	10-EV	7588.00	132.00	140.81		141.12	0.006533	4.50	1685.56	311.65	0.34
Chiq-2-Oso	27758	5-EV	2873.00	132.00	138.72		138.84	0.004280	2.74	1048.05	297.77	0.26
Chiq-2-Oso	27758	2-EV	714.00	132.00	136.65		136.68	0.001287	1.29	554.10	202.12	0.14
Chiq-2-Oso	27635	100-EV	23044.00	134.20	144.85		145.75	0.008280	7.61	3040.57	381.21	0.46
Chiq-2-Oso	27635	50-EV	20267.00	134.20	143.48		144.47	0.010929	7.97	2543.64	347.33	0.52
Chiq-2-Oso	27635	25-EV	16921.00	134.20	142.28		143.26	0.013007	7.93	2134.96	333.83	0.55
Chiq-2-Oso	27635	10-EV	7608.00	134.20	138.61		139.55	0.030312	7.75	981.78	298.64	0.75
Chiq-2-Oso	27635	5-EV	2863.00	134.20	136.69	136.69	137.42	0.068185	6.84	418.40	287.90	1.00
Chiq-2-Oso	27635	2-EV	765.00	134.20	135.76	135.76	136.10	0.095960	4.68	163.50	248.37	1.02
Chiq-2-Oso	27377	100-EV	23044.00	128.00	144.03		144.66	0.003776	6.34	3635.14	342.10	0.34
Chiq-2-Oso	27377	50-EV	20267.00	128.00	142.53		143.17	0.004195	6.45	3143.38	311.69	0.36
Chiq-2-Oso	27377	25-EV	16921.00	128.00	141.26		141.85	0.004279	6.14	2756.95	300.96	0.36
Chiq-2-Oso	27377	10-EV	7608.00	128.00	137.31		137.65	0.004361	4.69	1623.33	274.67	0.34
Chiq-2-Oso	27377	5-EV	2863.00	128.00	134.39		134.56	0.003878	3.32	863.18	234.21	0.30
Chiq-2-Oso	27377	2-EV	765.00	128.00	130.94		131.08	0.006298	3.06	250.07	120.77	0.37
Chiq-2-Oso	27176	100-EV	23044.00	126.06	143.39	136.67	143.91	0.003366	5.76	4002.66	381.78	0.31
Chiq-2-Oso	27176	50-EV	20267.00	126.06	141.79	136.19	142.33	0.003849	5.92	3425.59	345.97	0.33
Chiq-2-Oso	27176	25-EV	16921.00	126.06	140.48	135.59	140.98	0.004095	5.68	2979.04	336.67	0.34
Chiq-2-Oso	27176	10-EV	7608.00	126.06	136.33	132.95	136.66	0.005583	4.67	1628.41	314.23	0.36
Chiq-2-Oso	27176	5-EV	2863.00	126.06	133.57	129.96	133.75	0.004136	3.39	843.77	222.00	0.31
Chiq-2-Oso	27176	2-EV	765.00	126.06	130.28	128.02	130.36	0.002230	2.27	337.70	112.07	0.23
Chiq-2-Oso	26976	100-EV	23044.00	126.00	142.86		143.28	0.002683	5.24	4394.34	426.14	0.29
Chiq-2-Oso	26976	50-EV	20267.00	126.00	141.18		141.64	0.002923	5.41	3745.44	365.46	0.30
Chiq-2-Oso	26976	25-EV	16921.00	126.00	139.84		140.26	0.003009	5.18	3266.82	351.10	0.30
Chiq-2-Oso	26976	10-EV	7608.00	126.00	135.40		135.69	0.004158	4.30	1768.60	325.03	0.33
Chiq-2-Oso	26976	5-EV	2863.00	126.00	132.66		132.82	0.005277	3.19	896.18	310.64	0.33
Chiq-2-Oso	26976	2-EV	765.00	126.00	129.62		129.74	0.004509	2.78	275.32	114.21	0.32
Chiq-2-Oso	26777	100-EV	23044.00	125.60	142.24		142.66	0.003725	5.19	4439.55	529.24	0.32
Chiq-2-Oso	26777	50-EV	20267.00	125.60	140.61		141.06	0.002849	5.43	3734.67	371.35	0.30
Chiq-2-Oso	26777	25-EV	16921.00	125.60	139.28		139.70	0.002659	5.17	3273.59	335.99	0.29
Chiq-2-Oso	26777	10-EV	7608.00	125.60	134.64		134.93	0.003546	4.28	1778.93	310.36	0.31
Chiq-2-Oso	26777	5-EV	2863.00	125.60	131.74		131.90	0.004037	3.15	908.05	287.46	0.31
Chiq-2-Oso	26777	2-EV	765.00	125.60	128.64		128.77	0.005247	2.84	269.64	135.05	0.35
Chiq-2-Oso	26574	100-EV	23044.00	124.00	141.10		141.60	0.007548	5.68	4058.00	602.84	0.39
Chiq-2-Oso	26574	50-EV	20267.00	124.00	139.83		140.39	0.003848	5.98	3389.55	336.92	0.33
Chiq-2-Oso	26574	25-EV	16921.00	124.00	138.55		139.05	0.003749	5.69	2975.66	312.41	0.32
Chiq-2-Oso	26574	10-EV	7608.00	124.00	133.63		134.01	0.005781	4.94	1539.24	278.93	0.37
Chiq-2-Oso	26574	5-EV	2863.00	124.00	130.21		130.54	0.012891	4.56	628.09	225.13	0.48
Chiq-2-Oso	26574	2-EV	765.00	124.00	127.04		127.26	0.011452	3.75	204.10	81.17	0.42
Chiq-2-Oso	26377	100-EV	23044.00	122.01	140.13		140.75	0.002777	6.30	3655.86	517.31	0.42
Chiq-2-Oso	26377	50-EV	20267.00	122.01	139.12		139.73	0.002829	6.27	3231.28	376.10	0.38
Chiq-2-Oso	26377	25-EV	16921.00	122.01	137.86		138.42	0.002688	6.01	2817.70	273.84	0.33
Chiq-2-Oso	26377	10-EV	7608.00	122.01	132.82		133.21	0.003024	4.97	1530.69	237.44	0.35
Chiq-2-Oso	26377	5-EV	2863.00	122.01	129.25		129.48	0.002800	3.83	748.45	184.16	0.33
Chiq-2-Oso	26377	2-EV	765.00	122.01	126.05		126.15	0.003161	2.60	294.15	114.80	0.29
Chiq-2-Oso	26177	100-EV	23044.00	122.00	139.16		139.82	0.009167	6.53	3527.53	476.75	0.42
Chiq-2-Oso	26177	50-EV	20267.00	122.00	138.23		138.88	0.007128	6.48	3127.27	384.62	0.40
Chiq-2-Oso	26177	25-EV	16921.00	122.00	137.08		137.67	0.005581	6.19	2733.27	309.59	0.37
Chiq-2-Oso	26177	10-EV	7608.00	122.00	131.88		132.33	0.006886	5.35	1421.53	229.46	0.38
Chiq-2-Oso	26177	5-EV	2863.00	122.00	128.38		128.65	0.006841	4.16	688.68	163.40	0.36
Chiq-2-Oso	26177	2-EV	765.00	122.00	125.09		125.24	0.007113	3.10	247.16	104.12	0.35
Chiq-2-Oso	25976	100-EV	23044.00	120.04	137.99		138.66	0.003924	6.60	3489.59	416.43	0.40
Chiq-2-Oso	25976	50-EV	20267.00	120.04	137.23		137.85	0.003789	6.34	3194.87	371.28	0.38
Chiq-2-Oso	25976	25-EV	16921.00	120.04	136.22		136.77	0.003596	5.95	2842.01	327.99	0.36
Chiq-2-Oso	25976	10-EV	7608.00	120.04	130.83		131.23	0.004333	5.12	1485.59	227.87	0.35
Chiq-2-Oso	25976	5-EV	2863.00	120.04	127.36		127.59	0.004065	3.92	730.57	205.59	0.37
Chiq-2-Oso	25976	2-EV	765.00	120.04	124.08		124.22	0.003766	2.93	260.91	91.77	0.31
Chiq-2-Oso	25776	100-EV	23044.00	120.00	137.23		137.86	0.003965	6.35	3626.24	444.67	0.39
Chiq-2-Oso	25776	50-EV	20267.00	120.00	136.50		137.08	0.003800	6.10	3320.44	394.64	0.37
Chiq-2-Oso	25776	25-EV	16921.00	120.00	135.54		136.04	0.003516	5.70	2970.58	334.18	0.34
Chiq-2-Oso	25776	10-EV	7608.00	120.00	129.96		130.33	0.004537	4.89	1555.16	230.30	0.33

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	25776	5-EV	2863.00	120.00	126.54		126.74	0.004382	3.58	799.99	207.58	0.32
Chiq-2-Oso	25776	2-EV	765.00	120.00	123.08		123.22	0.006938	2.99	255.92	119.03	0.36
Chiq-2-Oso	25646	100-EV	23044.00	118.00	136.78		137.19	0.005511	5.16	4461.64	578.73	0.33
Chiq-2-Oso	25646	50-EV	20267.00	118.00	136.05		136.44	0.005307	5.00	4053.75	546.84	0.32
Chiq-2-Oso	25646	25-EV	16921.00	118.00	135.10		135.45	0.005023	4.75	3565.69	508.82	0.32
Chiq-2-Oso	25646	10-EV	7608.00	118.00	129.48		129.77	0.003738	4.33	1755.71	240.62	0.28
Chiq-2-Oso	25646	5-EV	2863.00	118.00	126.08		126.22	0.003371	2.95	972.12	219.79	0.25
Chiq-2-Oso	25646	2-EV	765.00	118.00	122.54		122.62	0.003114	2.20	347.62	121.55	0.23
Chiq-2-Oso	25346	100-EV	23044.00	118.00	134.89		135.41	0.006373	5.78	3987.48	482.56	0.35
Chiq-2-Oso	25346	50-EV	20267.00	118.00	134.23		134.70	0.006303	5.52	3673.29	474.59	0.35
Chiq-2-Oso	25346	25-EV	16921.00	118.00	133.35		133.77	0.006272	5.19	3261.64	463.42	0.34
Chiq-2-Oso	25346	10-EV	7608.00	118.00	128.24		128.56	0.004392	4.56	1668.32	243.14	0.31
Chiq-2-Oso	25346	5-EV	2863.00	118.00	125.01		125.16	0.003708	3.10	923.97	216.43	0.26
Chiq-2-Oso	25346	2-EV	765.00	118.00	121.64		121.71	0.002980	2.13	359.84	131.54	0.23
Chiq-2-Oso	25047	100-EV	23044.00	116.00	132.13		132.87	0.011508	6.91	3336.33	489.73	0.47
Chiq-2-Oso	25047	50-EV	20267.00	116.00	131.52		132.21	0.011331	6.65	3046.24	457.32	0.45
Chiq-2-Oso	25047	25-EV	16921.00	116.00	130.65		131.28	0.011280	6.35	2663.70	426.80	0.45
Chiq-2-Oso	25047	10-EV	7608.00	116.00	126.60		126.99	0.006301	5.00	1522.79	240.97	0.35
Chiq-2-Oso	25047	5-EV	2863.00	116.00	123.49		123.69	0.006685	3.57	802.96	220.95	0.33
Chiq-2-Oso	25047	2-EV	765.00	116.00	120.56		120.66	0.004090	2.60	294.66	100.68	0.27
Chiq-2-Oso	24746	100-EV	23044.00	116.00	129.11		129.83	0.008935	6.84	3444.57	528.69	0.44
Chiq-2-Oso	24746	50-EV	20267.00	116.00	128.55		129.21	0.008775	6.52	3155.31	507.16	0.43
Chiq-2-Oso	24746	25-EV	16921.00	116.00	127.74		128.32	0.008592	6.13	2761.30	435.06	0.42
Chiq-2-Oso	24746	10-EV	7608.00	116.00	124.23		124.65	0.009858	5.17	1472.25	321.96	0.43
Chiq-2-Oso	24746	5-EV	2863.00	116.00	121.19		121.46	0.008253	4.16	688.71	196.90	0.39
Chiq-2-Oso	24746	2-EV	765.00	116.00	118.14		118.38	0.018163	3.94	194.09	104.07	0.51
Chiq-2-Oso	24446	100-EV	23044.00	112.90	127.00	122.68	127.59	0.006151	6.39	3873.81	848.82	0.41
Chiq-2-Oso	24446	50-EV	20267.00	112.90	126.42	122.04	126.98	0.006235	6.16	3521.73	828.90	0.41
Chiq-2-Oso	24446	25-EV	16921.00	112.90	125.61	121.32	126.13	0.006205	5.91	3052.60	737.33	0.40
Chiq-2-Oso	24446	10-EV	7608.00	112.90	122.17	119.04	122.54	0.005213	4.89	1557.09	337.02	0.36
Chiq-2-Oso	24446	5-EV	2863.00	112.90	119.71	116.56	119.86	0.003579	3.11	919.50	247.07	0.28
Chiq-2-Oso	24446	2-EV	765.00	112.90	116.61	114.63	116.70	0.002593	2.41	316.85	119.11	0.26
Chiq-2-Oso	24146	100-EV	23044.00	112.00	125.44		125.93	0.004832	5.69	4310.89	838.14	0.36
Chiq-2-Oso	24146	50-EV	20267.00	112.00	124.79		125.26	0.005106	5.52	3801.46	747.37	0.36
Chiq-2-Oso	24146	25-EV	16921.00	112.00	123.91		124.35	0.005536	5.30	3192.88	500.34	0.37
Chiq-2-Oso	24146	10-EV	7608.00	112.00	120.48		120.80	0.006348	4.51	1687.65	374.56	0.37
Chiq-2-Oso	24146	5-EV	2863.00	112.00	118.08		118.26	0.008686	3.48	823.47	344.65	0.40
Chiq-2-Oso	24146	2-EV	765.00	112.00	115.48		115.62	0.005273	2.97	257.63	106.97	0.34
Chiq-2-Oso	23846	100-EV	23044.00	110.21	124.18	118.85	124.62	0.003863	5.37	4423.96	799.09	0.36
Chiq-2-Oso	23846	50-EV	20267.00	110.21	123.50	118.42	123.92	0.003881	5.24	3943.69	649.41	0.37
Chiq-2-Oso	23846	25-EV	16921.00	110.21	122.53	117.89	122.93	0.004008	5.10	3372.30	513.90	0.34
Chiq-2-Oso	23846	10-EV	7608.00	110.21	119.07	116.13	119.32	0.003837	3.97	1922.23	386.51	0.31
Chiq-2-Oso	23846	5-EV	2863.00	110.21	116.51	114.47	116.64	0.003619	2.90	988.02	351.97	0.30
Chiq-2-Oso	23846	2-EV	765.00	110.21	114.40	112.41	114.46	0.002860	2.01	381.42	242.37	0.28
Chiq-2-Oso	23546	100-EV	23044.00	110.12	122.59		123.22	0.005641	6.37	3788.34	714.92	0.38
Chiq-2-Oso	23546	50-EV	20267.00	110.12	121.93		122.51	0.005655	6.11	3350.67	540.24	0.38
Chiq-2-Oso	23546	25-EV	16921.00	110.12	121.01		121.52	0.005504	5.74	2948.05	384.51	0.37
Chiq-2-Oso	23546	10-EV	7608.00	110.12	117.56		117.88	0.006027	4.53	1678.96	355.00	0.37
Chiq-2-Oso	23546	5-EV	2863.00	110.12	114.92		115.12	0.007573	3.63	789.23	303.69	0.40
Chiq-2-Oso	23546	2-EV	765.00	110.12	112.81		112.95	0.010848	3.06	249.72	202.75	0.49
Chiq-2-Oso	23246	100-EV	23044.00	108.00	121.13		121.70	0.004419	6.10	4022.98	635.08	0.35
Chiq-2-Oso	23246	50-EV	20267.00	108.00	120.50		121.02	0.004269	5.81	3625.02	622.12	0.35
Chiq-2-Oso	23246	25-EV	16921.00	108.00	119.64		120.09	0.004058	5.41	3141.83	436.08	0.34
Chiq-2-Oso	23246	10-EV	7608.00	108.00	116.26		116.49	0.003550	3.91	1945.68	330.50	0.28
Chiq-2-Oso	23246	5-EV	2863.00	108.00	113.65		113.76	0.002914	2.60	1102.70	316.37	0.25
Chiq-2-Oso	23246	2-EV	765.00	108.00	111.61		111.65	0.002235	1.61	476.44	275.40	0.22
Chiq-2-Oso	22946	100-EV	23205.00	108.00	119.33		119.99	0.007627	6.54	3672.00	694.95	0.46
Chiq-2-Oso	22946	50-EV	20390.00	108.00	118.65		119.30	0.007965	6.52	3206.82	659.47	0.49
Chiq-2-Oso	22946	25-EV	17020.00	108.00	117.71		118.37	0.008455	6.55	2633.58	538.59	0.50
Chiq-2-Oso	22946	10-EV	7608.00	108.00	114.38		114.82	0.009611	5.37	1416.84	293.31	0.43
Chiq-2-Oso	22946	5-EV	2887.00	108.00	112.09		112.31	0.009209	3.74	771.10	272.88	0.39
Chiq-2-Oso	22946	2-EV	775.00	108.00	110.38		110.46	0.008857	2.37	327.26	241.86	0.36
Chiq-2-Oso	22646	100-EV	23205.00	106.00	117.42		118.02	0.005621	6.33	4023.62	657.26	0.36
Chiq-2-Oso	22646	50-EV	20390.00	106.00	116.76		117.31	0.005456	6.07	3615.01	584.50	0.35
Chiq-2-Oso	22646	25-EV	17020.00	106.00	115.81		116.32	0.005425	5.75	3075.72	538.57	0.35
Chiq-2-Oso	22646	10-EV	7608.00	106.00	112.21		112.52	0.006070	4.44	1714.39	331.22	0.34
Chiq-2-Oso	22646	5-EV	2887.00	106.00	109.58		109.76	0.007829	3.34	864.36	313.04	0.35
Chiq-2-Oso	22646	2-EV	775.00	106.00	107.97		108.03	0.007405	2.03	382.27	285.33	0.31
Chiq-2-Oso	22346	100-EV	23205.00	104.00	116.10	110.53	116.63	0.003783	5.93	4342.17	656.34	0.33

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	22346	50-EV	20390.00	104.00	115.49	110.05	115.96	0.003671	5.62	3968.23	593.50	0.32
Chiq-2-Oso	22346	25-EV	17020.00	104.00	114.53	109.44	114.96	0.003728	5.32	3403.92	583.30	0.32
Chiq-2-Oso	22346	10-EV	7608.00	104.00	110.80	107.39	111.06	0.003924	4.14	1838.06	324.78	0.31
Chiq-2-Oso	22346	5-EV	2887.00	104.00	107.78	105.91	107.94	0.004821	3.17	910.15	288.61	0.31
Chiq-2-Oso	22346	2-EV	775.00	104.00	105.56	104.85	105.65	0.008600	2.45	315.87	238.28	0.38
Chiq-2-Oso	22046	100-EV	23205.00	102.00	114.91	109.53	115.52	0.003540	6.49	4310.44	729.35	0.35
Chiq-2-Oso	22046	50-EV	20390.00	102.00	114.33	108.98	114.89	0.003399	6.17	3893.12	709.44	0.35
Chiq-2-Oso	22046	25-EV	17020.00	102.00	113.34	108.30	113.87	0.003465	5.91	3211.42	657.39	0.35
Chiq-2-Oso	22046	10-EV	7608.00	102.00	109.71	105.98	110.01	0.003108	4.41	1723.47	280.51	0.31
Chiq-2-Oso	22046	5-EV	2887.00	102.00	106.72	104.23	106.87	0.002732	3.10	931.51	246.55	0.28
Chiq-2-Oso	22046	2-EV	775.00	102.00	104.43	103.01	104.49	0.002182	1.88	412.19	203.34	0.23
Chiq-2-Oso	21746	100-EV	23205.00	100.10	113.50	108.94	114.21	0.005418	7.13	4069.80	767.53	0.39
Chiq-2-Oso	21746	50-EV	20390.00	100.10	112.97	108.40	113.63	0.005251	6.78	3667.37	750.44	0.38
Chiq-2-Oso	21746	25-EV	17020.00	100.10	111.81	107.71	112.50	0.006159	6.77	2839.27	612.09	0.40
Chiq-2-Oso	21746	10-EV	7608.00	100.10	108.29	105.40	108.71	0.006385	5.16	1474.25	261.16	0.38
Chiq-2-Oso	21746	5-EV	2887.00	100.10	105.35	103.65	105.59	0.007468	3.91	737.67	232.13	0.39
Chiq-2-Oso	21746	2-EV	775.00	100.10	103.12	102.44	103.25	0.010522	2.88	269.10	187.69	0.42
Chiq-2-Oso	21446	100-EV	23205.00	98.00	112.62	107.40	112.99	0.002715	5.09	5003.75	632.31	0.29
Chiq-2-Oso	21446	50-EV	20390.00	98.00	111.68	106.77	112.22	0.004015	5.90	3455.07	403.69	0.36
Chiq-2-Oso	21446	25-EV	17020.00	98.00	110.37	105.88	110.89	0.004435	5.80	2932.93	390.49	0.37
Chiq-2-Oso	21446	10-EV	7608.00	98.00	106.77	103.63	107.12	0.004353	4.74	1604.09	318.98	0.37
Chiq-2-Oso	21446	5-EV	2887.00	98.00	103.64	101.60	103.86	0.004542	3.78	764.76	246.82	0.38
Chiq-2-Oso	21446	2-EV	775.00	98.00	101.31	100.04	101.41	0.003959	2.56	302.48	159.68	0.33
Chiq-2-Oso	21146	100-EV	23205.00	98.00	111.54	105.75	111.98	0.004226	5.29	4385.49	499.38	0.31
Chiq-2-Oso	21146	50-EV	20390.00	98.00	110.51	105.21	110.94	0.004307	5.24	3888.58	466.45	0.32
Chiq-2-Oso	21146	25-EV	17020.00	98.00	109.00	104.38	109.43	0.005137	5.30	3209.02	437.24	0.35
Chiq-2-Oso	21146	10-EV	7608.00	98.00	105.18	101.82	105.52	0.006673	4.62	1646.51	349.29	0.38
Chiq-2-Oso	21146	5-EV	2887.00	98.00	102.36	100.14	102.53	0.004245	3.29	877.73	239.10	0.30
Chiq-2-Oso	21146	2-EV	775.00	98.00	100.01	98.95	100.09	0.004843	2.21	350.40	203.85	0.30
Chiq-2-Oso	20888	100-EV	23205.00	96.00	111.04	106.22	111.28	0.001621	3.99	5813.16	509.87	0.21
Chiq-2-Oso	20888	50-EV	20390.00	96.00	109.99	105.21	110.23	0.001688	3.86	5284.77	504.83	0.21
Chiq-2-Oso	20888	25-EV	17020.00	96.00	108.38	103.63	108.60	0.001942	3.80	4476.32	490.08	0.22
Chiq-2-Oso	20888	10-EV	7608.00	96.00	104.52	100.65	104.65	0.001805	2.83	2686.86	443.71	0.20
Chiq-2-Oso	20888	5-EV	2887.00	96.00	101.78	99.54	101.84	0.001699	1.93	1493.94	423.62	0.18
Chiq-2-Oso	20888	2-EV	775.00	96.00	99.54	98.57	99.57	0.001058	1.18	654.67	280.64	0.14
Chiq-2-Oso	20628	100-EV	23205.00	96.02	110.54	105.75	110.82	0.001906	4.25	5459.39	500.85	0.23
Chiq-2-Oso	20628	50-EV	20390.00	96.02	109.47	104.68	109.74	0.002042	4.14	4925.85	497.50	0.23
Chiq-2-Oso	20628	25-EV	17020.00	96.02	107.74	102.95	108.01	0.002623	4.18	4069.37	492.07	0.26
Chiq-2-Oso	20628	10-EV	7608.00	96.02	103.75	99.86	103.95	0.004233	3.57	2133.26	478.57	0.30
Chiq-2-Oso	20628	5-EV	2887.00	96.02	101.03	98.54	101.15	0.004429	2.81	1029.22	339.44	0.28
Chiq-2-Oso	20628	2-EV	775.00	96.02	99.01	97.45	99.06	0.004367	1.86	416.99	255.73	0.26
Chiq-2-Oso	20214	100-EV	23205.00	93.43	110.06	105.27	110.23	0.001001	3.32	6995.92	669.36	0.18
Chiq-2-Oso	20214	50-EV	20390.00	93.43	108.95	104.16	109.11	0.001074	3.26	6257.26	655.10	0.19
Chiq-2-Oso	20214	25-EV	17020.00	93.43	107.03	102.24	107.21	0.001403	3.38	5037.83	610.60	0.21
Chiq-2-Oso	20214	10-EV	7608.00	93.43	102.66	98.77	102.79	0.001938	2.89	2634.62	509.75	0.22
Chiq-2-Oso	20214	5-EV	2887.00	93.43	99.50	97.45	99.60	0.003204	2.62	1103.74	406.48	0.28
Chiq-2-Oso	20214	2-EV	775.00	93.43	97.40	95.84	97.45	0.003523	1.77	438.68	249.85	0.24
Chiq-2-Oso	19936	100-EV	23205.00	92.08	109.41	104.62	109.76	0.002558	5.01	5085.59	804.61	0.35
Chiq-2-Oso	19936	50-EV	20390.00	92.08	108.12	103.83	108.57	0.002956	5.64	4079.61	625.31	0.37
Chiq-2-Oso	19936	25-EV	17020.00	92.08	105.79	100.86	106.43	0.004622	6.63	2889.40	459.49	0.40
Chiq-2-Oso	19936	10-EV	7608.00	92.08	101.25	97.36	101.78	0.006186	5.85	1299.44	204.48	0.41
Chiq-2-Oso	19936	5-EV	2887.00	92.08	97.83	96.24	98.15	0.008784	4.56	632.67	184.62	0.43
Chiq-2-Oso	19936	2-EV	775.00	92.08	95.77	94.92	95.90	0.009674	2.85	271.52	165.70	0.39
Chiq-2-Oso	19803		Bridge									
Chiq-2-Oso	19802	100-EV	23238.00	90.60	106.37	101.58	107.24	0.005757	7.53	3263.10	515.18	0.40
Chiq-2-Oso	19802	50-EV	20427.00	90.60	105.62	100.73	106.42	0.005410	7.16	2908.24	397.36	0.38
Chiq-2-Oso	19802	25-EV	17036.00	90.60	104.46	99.57	105.16	0.005122	6.69	2545.47	254.33	0.37
Chiq-2-Oso	19802	10-EV	7608.00	90.60	100.41	96.52	100.77	0.003897	4.82	1578.30	224.24	0.32
Chiq-2-Oso	19802	5-EV	2850.00	90.60	96.74	94.69	96.94	0.004148	3.56	801.34	199.26	0.31
Chiq-2-Oso	19802	2-EV	776.00	90.60	94.26	92.70	94.35	0.004808	2.35	330.83	179.82	0.30
Chiq-2-Oso	19502	100-EV	23238.00	88.98	105.79	100.98	106.02	0.001848	3.88	6125.61	694.27	0.21
Chiq-2-Oso	19502	50-EV	20427.00	88.98	105.04	100.19	105.25	0.001832	3.68	5621.22	653.76	0.21
Chiq-2-Oso	19502	25-EV	17036.00	88.98	103.82	98.93	104.01	0.001942	3.52	4859.69	592.28	0.21
Chiq-2-Oso	19502	10-EV	7608.00	88.98	99.52	95.63	99.66	0.002900	2.96	2568.83	514.97	0.23
Chiq-2-Oso	19502	5-EV	2850.00	88.98	95.51	93.46	95.66	0.004178	3.11	917.30	278.51	0.30
Chiq-2-Oso	19502	2-EV	776.00	88.98	92.54	90.98	92.68	0.006359	2.99	259.12	135.68	0.38
Chiq-2-Oso	19051	100-EV	23238.00	85.16	104.34	99.53	104.78	0.004323	5.48	4624.92	627.95	0.31
Chiq-2-Oso	19051	50-EV	20427.00	85.16	103.56	97.09	103.98	0.004597	5.34	4139.59	619.01	0.31
Chiq-2-Oso	19051	25-EV	17036.00	85.16	102.20	96.21	102.65	0.005047	5.43	3329.31	558.58	0.33

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	19051	10-EV	7608.00	85.16	97.52	93.33	97.88	0.005471	4.84	1572.61	269.38	0.35
Chiq-2-Oso	19051	5-EV	2850.00	85.16	92.96	90.39	93.29	0.006747	4.59	620.40	173.46	0.43
Chiq-2-Oso	19051	2-EV	776.00	85.16	89.36	88.02	89.61	0.007296	3.95	196.41	76.37	0.43
Chiq-2-Oso	18639	100-EV	23238.00	83.82	102.27	94.39	102.88	0.004846	6.36	3921.58	466.79	0.34
Chiq-2-Oso	18639	50-EV	20427.00	83.82	101.60	93.68	102.13	0.004338	5.98	3626.19	414.54	0.32
Chiq-2-Oso	18639	25-EV	17036.00	83.82	100.27	92.76	100.77	0.004106	5.77	3104.91	369.27	0.32
Chiq-2-Oso	18639	10-EV	7608.00	83.82	96.03	89.54	96.29	0.002767	4.15	1835.32	218.11	0.25
Chiq-2-Oso	18639	5-EV	2850.00	83.82	91.57	87.18	91.71	0.002326	2.93	971.87	171.64	0.22
Chiq-2-Oso	18639	2-EV	776.00	83.82	88.24	85.53	88.29	0.001664	1.69	459.57	137.59	0.16
Chiq-2-Oso	18111	100-EV	23238.00	82.72	98.06		98.71	0.015072	6.43	3614.62	738.06	0.51
Chiq-2-Oso	18111	50-EV	20427.00	82.72	97.44		98.09	0.016785	6.46	3162.95	696.59	0.53
Chiq-2-Oso	18111	25-EV	17036.00	82.72	96.29		97.00	0.015105	6.76	2519.59	494.57	0.53
Chiq-2-Oso	18111	10-EV	7608.00	82.72	92.73		93.39	0.015134	6.50	1170.70	259.67	0.54
Chiq-2-Oso	18111	5-EV	2850.00	82.72	89.10		89.53	0.008915	5.23	544.47	130.26	0.45
Chiq-2-Oso	18111	2-EV	776.00	82.72	86.39		86.58	0.008575	3.45	225.05	106.18	0.42
Chiq-2-Oso	17706	100-EV	23238.00	79.52	94.91	90.06	95.54	0.004748	6.41	3875.57	695.37	0.39
Chiq-2-Oso	17706	50-EV	20427.00	79.52	94.27	89.54	94.85	0.004622	6.14	3454.87	609.30	0.38
Chiq-2-Oso	17706	25-EV	17036.00	79.52	92.08	88.86	92.84	0.007419	7.02	2426.11	388.78	0.50
Chiq-2-Oso	17706	10-EV	7608.00	79.52	88.73	86.27	89.24	0.007256	5.73	1327.43	278.92	0.46
Chiq-2-Oso	17706	5-EV	2850.00	79.52	85.43	83.83	85.84	0.009272	5.12	556.73	175.27	0.51
Chiq-2-Oso	17706	2-EV	776.00	79.52	82.91	81.93	83.12	0.008452	3.68	210.95	106.42	0.46
Chiq-2-Oso	17618	100-EV	23238.00	78.87	94.38	87.96	95.11	0.004891	6.94	3647.99	652.41	0.38
Chiq-2-Oso	17618	50-EV	20427.00	78.87	93.79	87.30	94.44	0.004552	6.55	3321.30	580.51	0.37
Chiq-2-Oso	17618	25-EV	17036.00	78.87	91.46	86.46	92.25	0.006120	7.14	2391.98	305.54	0.42
Chiq-2-Oso	17618	10-EV	7608.00	78.87	88.43	83.60	88.76	0.003360	4.61	1650.32	225.04	0.30
Chiq-2-Oso	17618	5-EV	2850.00	78.87	85.29	81.49	85.42	0.002033	2.87	994.39	192.83	0.22
Chiq-2-Oso	17618	2-EV	776.00	78.87	82.87	80.04	82.90	0.000851	1.40	555.36	168.72	0.14
Chiq-2-Oso	17514	100-EV	23238.00	78.31	93.99	89.47	94.53	0.005225	5.99	4216.39	878.32	0.36
Chiq-2-Oso	17514	50-EV	20427.00	78.31	93.39	89.05	93.90	0.005189	5.77	3761.97	824.33	0.36
Chiq-2-Oso	17514	25-EV	17036.00	78.31	90.46	88.50	91.35	0.012983	7.55	2255.23	398.61	0.56
Chiq-2-Oso	17514	10-EV	7608.00	78.31	87.14	85.71	88.00	0.021467	7.44	1023.04	315.69	0.73
Chiq-2-Oso	17514	5-EV	2850.00	78.31	84.37	83.22	84.92	0.015986	5.98	476.79	146.40	0.58
Chiq-2-Oso	17514	2-EV	776.00	78.31	82.50	81.36	82.67	0.009550	3.37	230.40	116.21	0.42
Chiq-2-Oso	17407	100-EV	31315.00	77.06	92.18	89.52	93.64	0.010153	9.81	3529.40	837.37	0.59
Chiq-2-Oso	17407	50-EV	28150.00	77.06	91.56	89.02	93.00	0.010387	9.66	3092.69	673.07	0.60
Chiq-2-Oso	17407	25-EV	17091.00	77.06	88.87	87.09	90.05	0.010862	8.70	1965.09	334.13	0.63
Chiq-2-Oso	17407	10-EV	7541.00	77.06	85.45	83.96	86.36	0.011309	7.64	986.43	216.58	0.63
Chiq-2-Oso	17407	5-EV	2801.00	77.06	82.15	81.77	82.97	0.020254	7.26	385.60	152.15	0.80
Chiq-2-Oso	17407	2-EV	871.00	77.06	79.76	79.76	80.60	0.044646	7.37	118.23	70.44	1.00
Chiq-2-Oso	17310	100-EV	31315.00	75.75	91.99	86.74	92.74	0.005227	7.11	4818.62	741.88	0.38
Chiq-2-Oso	17310	50-EV	28150.00	75.75	91.38	86.23	92.08	0.005199	6.86	4412.52	619.75	0.38
Chiq-2-Oso	17310	25-EV	17091.00	75.75	88.63	84.02	89.15	0.005136	5.82	3041.79	438.92	0.36
Chiq-2-Oso	17310	10-EV	7541.00	75.75	85.21	81.07	85.51	0.004619	4.41	1708.30	312.22	0.33
Chiq-2-Oso	17310	5-EV	2801.00	75.75	82.05	78.93	82.21	0.002685	3.16	885.22	206.58	0.27
Chiq-2-Oso	17310	2-EV	871.00	75.75	79.60	77.61	79.67	0.001692	1.99	438.35	160.49	0.21
Chiq-2-Oso	16902	100-EV	31315.00	74.69	89.97	84.95	90.72	0.004672	6.98	4548.89	705.63	0.45
Chiq-2-Oso	16902	50-EV	28150.00	74.69	89.31	84.47	90.05	0.004770	6.88	4107.14	633.50	0.46
Chiq-2-Oso	16902	25-EV	17091.00	74.69	86.66	82.55	87.24	0.004276	6.09	2805.41	389.64	0.40
Chiq-2-Oso	16902	10-EV	7541.00	74.69	83.66	80.47	83.95	0.003210	4.29	1756.24	323.22	0.32
Chiq-2-Oso	16902	5-EV	2801.00	74.69	80.89	78.59	81.03	0.003097	3.07	913.42	287.34	0.30
Chiq-2-Oso	16902	2-EV	871.00	74.69	78.44	77.00	78.55	0.005056	2.74	318.04	163.44	0.35
Chiq-2-Oso	16381	100-EV	31315.00	72.46	88.31	83.44	88.69	0.002985	4.94	6336.38	771.20	0.30
Chiq-2-Oso	16381	50-EV	28150.00	72.46	87.58	83.15	87.95	0.003129	4.87	5774.81	764.79	0.31
Chiq-2-Oso	16381	25-EV	17091.00	72.46	84.69	81.90	85.03	0.003942	4.71	3625.59	710.02	0.37
Chiq-2-Oso	16381	10-EV	7541.00	72.46	81.33	78.88	81.76	0.005680	5.25	1436.06	497.88	0.55
Chiq-2-Oso	16381	5-EV	2801.00	72.46	78.99	76.26	79.22	0.003891	3.85	728.33	202.73	0.36
Chiq-2-Oso	16381	2-EV	871.00	72.46	77.02	74.57	77.09	0.001768	2.18	399.57	131.44	0.22
Chiq-2-Oso	16031	100-EV	31315.00	71.92	87.31	80.99	87.66	0.002852	4.69	6670.59	865.68	0.30
Chiq-2-Oso	16031	50-EV	28150.00	71.92	86.51	80.57	86.86	0.003053	4.71	5981.87	854.01	0.31
Chiq-2-Oso	16031	25-EV	17091.00	71.92	83.29	78.89	83.65	0.003899	4.84	3533.79	583.29	0.35
Chiq-2-Oso	16031	10-EV	7541.00	71.92	79.23	76.96	79.57	0.006728	4.66	1618.98	390.29	0.40
Chiq-2-Oso	16031	5-EV	2801.00	71.92	76.30	75.70	76.62	0.019401	4.52	619.55	322.16	0.57
Chiq-2-Oso	16031	2-EV	871.00	71.92	74.84	74.84	75.21	0.070940	4.85	179.76	246.86	1.00
Chiq-2-Oso	15581	100-EV	31315.00	68.33	83.82	79.13	85.39	0.009578	10.04	3119.24	280.22	0.53
Chiq-2-Oso	15581	50-EV	28150.00	68.33	83.03	78.45	84.49	0.009693	9.71	2898.58	274.72	0.53
Chiq-2-Oso	15581	25-EV	17091.00	68.33	80.13	75.78	81.13	0.008250	7.99	2138.50	248.94	0.48
Chiq-2-Oso	15581	10-EV	7541.00	68.33	76.51	72.90	77.00	0.004873	5.60	1346.62	197.86	0.38
Chiq-2-Oso	15581	5-EV	2801.00	68.33	73.73	70.89	73.91	0.002842	3.41	822.30	179.51	0.28
Chiq-2-Oso	15581	2-EV	871.00	68.33	71.72	69.70	71.77	0.001478	1.83	475.55	166.24	0.19

HEC-RAS Plan: NoPA45 (Continued)

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
Chiq-2-Oso	15118	100-EV	31315.00	67.83	81.29	76.17	82.24	0.004256	7.83	4000.03	395.63	0.43
Chiq-2-Oso	15118	50-EV	28150.00	67.83	80.27	75.70	81.21	0.004680	7.81	3605.79	376.30	0.44
Chiq-2-Oso	15118	25-EV	17091.00	67.83	77.44	73.88	78.11	0.004773	6.58	2598.94	343.80	0.42
Chiq-2-Oso	15118	10-EV	7541.00	67.83	74.52	71.91	74.86	0.004093	4.63	1628.36	321.84	0.36
Chiq-2-Oso	15118	5-EV	2801.00	67.83	72.37	70.57	72.50	0.003128	2.94	951.78	305.84	0.29
Chiq-2-Oso	15118	2-EV	871.00	67.83	70.87	69.30	70.92	0.002382	1.74	501.62	293.78	0.23
Chiq-2-Oso	14486		Bridge									
Chiq-2-Oso	14485	100-EV	31315.00	61.96	79.72	71.18	80.68	0.000605	7.83	4005.68	291.22	0.35
Chiq-2-Oso	14485	50-EV	28150.00	61.96	78.54	70.57	79.44	0.000635	7.61	3700.38	259.23	0.35
Chiq-2-Oso	14485	25-EV	17091.00	61.96	73.87	68.21	74.57	0.000752	6.73	2540.32	239.38	0.36
Chiq-2-Oso	14485	10-EV	7541.00	61.96	68.74	65.64	69.22	0.001034	5.52	1366.99	217.92	0.39
Chiq-2-Oso	14485	5-EV	2801.00	61.96	65.38	63.89	65.66	0.001507	4.26	658.01	202.97	0.42
Chiq-2-Oso	14485	2-EV	871.00	61.96	63.60	62.85	63.73	0.001764	2.84	306.87	192.91	0.40
Chiq-2-Oso	14277	100-EV	31315.00	61.13	77.41	73.08	79.98	0.001970	12.86	2434.65	176.22	0.61
Chiq-2-Oso	14277	50-EV	28150.00	61.13	76.31	72.31	78.76	0.002041	12.55	2243.05	172.62	0.61
Chiq-2-Oso	14277	25-EV	17091.00	61.13	72.00	69.26	73.94	0.002422	11.17	1529.44	158.49	0.63
Chiq-2-Oso	14277	10-EV	7541.00	61.13	67.30	65.91	68.61	0.003310	9.19	820.29	143.08	0.68
Chiq-2-Oso	14277	5-EV	2801.00	61.13	64.18	63.63	64.98	0.004991	7.19	389.39	132.85	0.74
Chiq-2-Oso	14277	2-EV	871.00	61.13	62.33	62.28	62.86	0.010917	5.80	150.15	126.81	0.94
Chiq-2-Oso	14166	100-EV	31315.00	59.38	77.49	71.82	79.53	0.001450	11.48	2728.15	187.06	0.53
Chiq-2-Oso	14166	50-EV	28150.00	59.38	76.38	71.05	78.31	0.001487	11.16	2522.54	183.24	0.53
Chiq-2-Oso	14166	25-EV	17091.00	59.38	72.02	68.06	73.49	0.001647	9.73	1756.48	168.22	0.53
Chiq-2-Oso	14166	10-EV	7541.00	59.38	67.23	64.80	68.13	0.001901	7.61	991.13	151.74	0.52
Chiq-2-Oso	14166	5-EV	2801.00	59.38	64.02	62.56	64.47	0.002038	5.38	521.01	140.66	0.49
Chiq-2-Oso	14166	2-EV	871.00	59.38	62.04	61.25	62.23	0.002145	3.48	249.98	133.85	0.45
Chiq-2-Oso	13965		Bridge									
Chiq-2-Oso	13964	100-EV	31315.00	59.29	77.04	71.26	79.04	0.001433	11.37	2755.08	188.27	0.52
Chiq-2-Oso	13964	50-EV	28150.00	59.29	75.92	70.50	77.82	0.001490	11.05	2546.46	184.41	0.52
Chiq-2-Oso	13964	25-EV	17091.00	59.29	71.52	67.53	72.97	0.001776	9.66	1768.72	169.26	0.53
Chiq-2-Oso	13964	10-EV	7541.00	59.29	66.65	64.28	67.56	0.002316	7.65	985.61	152.49	0.53
Chiq-2-Oso	13964	5-EV	2801.00	59.29	63.38	62.06	63.86	0.002865	5.54	505.48	141.22	0.52
Chiq-2-Oso	13964	2-EV	871.00	59.29	61.22	60.75	61.49	0.005176	4.17	208.63	133.79	0.59
Chiq-2-Oso	13772	100-EV	31315.00	56.94	76.44	70.77	78.68	0.001550	12.03	2603.41	235.05	0.54
Chiq-2-Oso	13772	50-EV	28150.00	56.94	75.36	69.96	77.46	0.001594	11.62	2421.87	203.36	0.54
Chiq-2-Oso	13772	25-EV	17091.00	56.94	71.09	66.81	72.61	0.001745	9.89	1727.26	155.92	0.52
Chiq-2-Oso	13772	10-EV	7541.00	56.94	66.27	63.35	67.13	0.001921	7.45	1012.72	140.74	0.49
Chiq-2-Oso	13772	5-EV	2801.00	56.94	63.01	60.97	63.38	0.001735	4.91	570.68	130.46	0.41
Chiq-2-Oso	13772	2-EV	871.00	56.94	60.77	59.26	60.92	0.001628	3.04	286.63	123.41	0.35
Chiq-2-Oso	13595	100-EV	31315.00	57.59	75.67	70.85	78.28	0.001875	12.96	2417.17	213.20	0.59
Chiq-2-Oso	13595	50-EV	28150.00	57.59	74.61	70.02	77.05	0.001928	12.52	2248.43	202.46	0.59
Chiq-2-Oso	13595	25-EV	17091.00	57.59	70.41	66.80	72.19	0.002153	10.71	1595.71	148.96	0.58
Chiq-2-Oso	13595	10-EV	7541.00	57.59	65.65	63.26	66.69	0.002493	8.18	921.60	134.64	0.55
Chiq-2-Oso	13595	5-EV	2801.00	57.59	62.56	60.84	63.01	0.002244	5.39	520.07	125.34	0.47
Chiq-2-Oso	13595	2-EV	871.00	57.59	60.38	59.30	60.56	0.002329	3.44	253.46	118.75	0.41
Chiq-2-Oso	13428		Bridge									
Chiq-2-Oso	13427	100-EV	31315.00	55.69	68.09	67.22	71.99	0.003769	15.85	1975.53	197.93	0.88
Chiq-2-Oso	13427	50-EV	28150.00	55.69	67.21	66.54	70.99	0.004072	15.60	1804.34	193.75	0.90
Chiq-2-Oso	13427	25-EV	17091.00	55.69	64.20	63.84	67.15	0.005049	13.78	1240.00	180.98	0.93
Chiq-2-Oso	13427	10-EV	7541.00	55.69	60.92	60.90	62.90	0.007373	11.27	669.17	167.40	0.99
Chiq-2-Oso	13427	5-EV	2801.00	55.69	58.99	58.86	59.96	0.008130	7.89	354.97	155.62	0.92
Chiq-2-Oso	13427	2-EV	871.00	55.69	57.93	57.60	58.24	0.005672	4.47	194.67	148.25	0.69
Chiq-2-Oso	13088	100-EV	31315.00	53.14	67.15		70.68	0.002936	15.07	2077.30	181.42	0.79
Chiq-2-Oso	13088	50-EV	28150.00	53.14	66.21		69.59	0.003111	14.75	1908.87	177.90	0.79
Chiq-2-Oso	13088	25-EV	17091.00	53.14	63.10		65.50	0.003314	12.45	1373.21	166.20	0.76
Chiq-2-Oso	13088	10-EV	7541.00	53.14	59.26		60.78	0.004348	9.87	763.88	151.79	0.78
Chiq-2-Oso	13088	5-EV	2801.00	53.14	56.59		57.47	0.006405	7.54	371.62	141.75	0.82
Chiq-2-Oso	13088	2-EV	871.00	53.14	54.77	54.77	55.39	0.012551	6.32	137.91	113.36	1.01
Oso-2-Ocean	12592	100-EV	32088.00	50.03	68.09		69.32	0.000778	8.92	3595.74	249.90	0.41
Oso-2-Ocean	12592	50-EV	28749.00	50.03	67.09		68.23	0.000785	8.59	3348.52	245.91	0.41
Oso-2-Ocean	12592	25-EV	17454.00	50.03	63.59		64.34	0.000731	6.95	2512.86	231.92	0.37
Oso-2-Ocean	12592	10-EV	7725.00	50.03	59.40		59.77	0.000654	4.90	1575.33	215.14	0.32
Oso-2-Ocean	12592	5-EV	3008.00	50.03	56.55		56.70	0.000470	3.07	979.45	203.76	0.25
Oso-2-Ocean	12592	2-EV	983.00	50.03	54.48		54.52	0.000269	1.72	571.35	184.60	0.17
Oso-2-Ocean	12293	100-EV	45346.00	50.16	63.58	63.14	68.42	0.004628	17.65	2569.47	239.08	0.95
Oso-2-Ocean	12293	50-EV	40722.00	50.16	62.67	62.38	67.32	0.004966	17.31	2352.71	235.42	0.97
Oso-2-Ocean	12293	25-EV	26010.00	50.16	59.77	59.68	63.46	0.005962	15.40	1688.65	223.85	0.99
Oso-2-Ocean	12293	10-EV	12404.00	50.16	56.89	56.60	59.02	0.006249	11.71	1059.28	212.31	0.92
Oso-2-Ocean	12293	5-EV	5619.00	50.16	54.94		56.09	0.006277	8.59	654.24	204.54	0.85

HEC-RAS Plan: NoPA45 (Continued)

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
Oso-2-Ocean	12293	2-EV	2249.00	50.16	53.46		54.07	0.006085	6.26	359.31	173.85	0.77
Oso-2-Ocean	11991	100-EV	45346.00	47.56	63.28		66.97	0.002988	15.41	2942.71	245.11	0.78
Oso-2-Ocean	11991	50-EV	40722.00	47.56	62.25		65.80	0.003212	15.13	2692.22	240.99	0.80
Oso-2-Ocean	11991	25-EV	26010.00	47.56	58.77		61.75	0.004212	13.84	1879.11	227.09	0.85
Oso-2-Ocean	11991	10-EV	12404.00	47.56	55.26	54.77	57.21	0.005424	11.21	1106.26	213.04	0.87
Oso-2-Ocean	11991	5-EV	5619.00	47.56	53.19		54.27	0.005704	8.34	673.66	204.76	0.81
Oso-2-Ocean	11991	2-EV	2249.00	47.56	51.70		52.26	0.005830	6.01	374.49	186.56	0.75
Oso-2-Ocean	11618	100-EV	45346.00	45.04	62.29	59.70	65.93	0.002520	15.29	2965.45	226.18	0.74
Oso-2-Ocean	11618	50-EV	40722.00	45.04	61.21	58.87	64.69	0.002673	14.96	2722.59	221.85	0.75
Oso-2-Ocean	11618	25-EV	26010.00	45.04	57.45	55.95	60.31	0.003387	13.57	1916.23	206.80	0.79
Oso-2-Ocean	11618	10-EV	12404.00	45.04	53.29	52.60	55.30	0.004830	11.37	1090.65	190.16	0.84
Oso-2-Ocean	11618	5-EV	5619.00	45.04	50.76	50.40	52.02	0.006235	9.02	623.14	180.05	0.85
Oso-2-Ocean	11618	2-EV	2249.00	45.04	49.07	48.82	49.80	0.007387	6.84	328.70	160.88	0.84
Oso-2-Ocean	11317	100-EV	45346.00	43.62	58.68	58.64	64.68	0.004696	19.65	2308.20	192.89	1.00
Oso-2-Ocean	11317	50-EV	40722.00	43.62	57.86	57.74	63.43	0.004741	18.93	2151.63	189.62	0.99
Oso-2-Ocean	11317	25-EV	26010.00	43.62	54.90	54.53	58.97	0.004940	16.18	1607.26	177.76	0.95
Oso-2-Ocean	11317	10-EV	12404.00	43.62	51.29		53.72	0.005373	12.50	992.03	163.33	0.89
Oso-2-Ocean	11317	5-EV	5619.00	43.62	48.75		50.16	0.006068	9.54	589.18	153.15	0.86
Oso-2-Ocean	11317	2-EV	2249.00	43.62	46.81		47.64	0.006934	7.29	308.31	130.78	0.84
Oso-2-Ocean	11017	100-EV	45346.00	40.61	58.49		63.14	0.003131	17.30	2621.54	199.31	0.84
Oso-2-Ocean	11017	50-EV	40722.00	40.61	57.60		61.91	0.003151	16.65	2445.56	195.75	0.83
Oso-2-Ocean	11017	25-EV	26010.00	40.61	54.40		57.50	0.003201	14.14	1839.40	182.94	0.79
Oso-2-Ocean	11017	10-EV	12404.00	40.61	50.53		52.30	0.003211	10.67	1162.40	167.49	0.71
Oso-2-Ocean	11017	5-EV	5619.00	40.61	47.79		48.74	0.003172	7.82	718.13	156.52	0.64
Oso-2-Ocean	11017	2-EV	2249.00	40.61	45.75		46.22	0.002994	5.50	408.96	141.00	0.57
Oso-2-Ocean	10717	100-EV	45346.00	40.47	57.67	55.90	62.18	0.002983	17.03	2662.84	200.85	0.82
Oso-2-Ocean	10717	50-EV	40722.00	40.47	56.76	54.99	60.95	0.003013	16.41	2481.20	197.20	0.82
Oso-2-Ocean	10717	25-EV	26010.00	40.47	53.50	51.79	56.54	0.003099	13.99	1858.99	184.15	0.78
Oso-2-Ocean	10717	10-EV	12404.00	40.47	49.60	48.08	51.34	0.003131	10.58	1172.09	168.57	0.71
Oso-2-Ocean	10717	5-EV	5619.00	40.47	46.87	45.61	47.80	0.003056	7.73	726.81	157.65	0.63
Oso-2-Ocean	10717	2-EV	2249.00	40.47	44.89	43.84	45.33	0.002901	5.33	421.89	148.89	0.56
Oso-2-Ocean	10417	100-EV	45346.00	39.73	55.53	54.98	60.97	0.004840	18.70	2425.27	197.09	0.94
Oso-2-Ocean	10417	50-EV	40722.00	39.73	54.70	54.09	59.73	0.004818	18.00	2262.81	193.77	0.93
Oso-2-Ocean	10417	25-EV	26010.00	39.73	51.67	50.89	55.34	0.004769	15.35	1694.58	181.66	0.89
Oso-2-Ocean	10417	10-EV	12404.00	39.73	48.02	47.20	50.16	0.004717	11.72	1058.02	167.06	0.82
Oso-2-Ocean	10417	5-EV	5619.00	39.73	45.49	44.75	46.66	0.004622	8.68	647.36	156.92	0.75
Oso-2-Ocean	10417	2-EV	2249.00	39.73	43.69	42.94	44.26	0.004384	6.06	371.00	147.32	0.67
Oso-2-Ocean	10117	100-EV	45346.00	39.01	54.28	53.60	59.64	0.003931	18.56	2443.50	196.90	0.93
Oso-2-Ocean	10117	50-EV	40722.00	39.01	53.45	52.68	58.41	0.003949	17.85	2281.05	193.57	0.92
Oso-2-Ocean	10117	25-EV	26010.00	39.01	50.39		54.00	0.004089	15.24	1706.64	181.31	0.88
Oso-2-Ocean	10117	10-EV	12404.00	39.01	46.68		48.80	0.004325	11.68	1062.00	166.48	0.82
Oso-2-Ocean	10117	5-EV	5619.00	39.01	44.04		45.25	0.004741	8.83	636.18	155.92	0.77
Oso-2-Ocean	10117	2-EV	2249.00	39.01	42.10		42.77	0.005556	6.57	342.49	143.93	0.75
Oso-2-Ocean	9817	100-EV	45346.00	37.04	53.72	52.14	58.37	0.003141	17.31	2620.20	199.44	0.84
Oso-2-Ocean	9817	50-EV	40722.00	37.04	52.86	51.24	57.15	0.003137	16.62	2450.27	196.00	0.83
Oso-2-Ocean	9817	25-EV	26010.00	37.04	49.69	48.02	52.77	0.003153	14.07	1849.22	183.33	0.78
Oso-2-Ocean	9817	10-EV	12404.00	37.04	45.87	44.29	47.59	0.003082	10.53	1177.87	168.04	0.70
Oso-2-Ocean	9817	5-EV	5619.00	37.04	43.14	41.82	44.05	0.002952	7.65	734.50	157.13	0.62
Oso-2-Ocean	9817	2-EV	2249.00	37.04	41.12	40.04	41.56	0.002769	5.28	425.55	146.71	0.55
Oso-2-Ocean	9517	100-EV	45346.00	36.20	52.16	51.25	57.31	0.003694	18.20	2491.42	198.00	0.90
Oso-2-Ocean	9517	50-EV	40722.00	36.20	51.33		56.08	0.003694	17.48	2329.22	194.69	0.89
Oso-2-Ocean	9517	25-EV	26010.00	36.20	48.34		51.72	0.003669	14.74	1765.05	182.73	0.84
Oso-2-Ocean	9517	10-EV	12404.00	36.20	44.68		46.58	0.003606	11.05	1123.04	168.09	0.75
Oso-2-Ocean	9517	5-EV	5619.00	36.20	42.08		43.08	0.003480	8.04	699.07	157.68	0.67
Oso-2-Ocean	9517	2-EV	2249.00	36.20	40.11		40.61	0.003572	5.67	396.54	149.06	0.61
Oso-2-Ocean	9205	100-EV	45607.00	35.29	50.90	50.10	56.14	0.003771	18.36	2484.20	240.19	0.91
Oso-2-Ocean	9205	50-EV	40948.00	35.29	49.96	49.20	54.89	0.003892	17.81	2299.43	210.78	0.91
Oso-2-Ocean	9205	25-EV	26165.00	35.29	46.61	45.99	50.42	0.004429	15.66	1671.01	180.80	0.91
Oso-2-Ocean	9205	10-EV	12500.00	35.29	42.70	42.28	45.15	0.005441	12.57	994.49	165.15	0.90
Oso-2-Ocean	9205	5-EV	5676.00	35.29	40.15	39.82	41.60	0.006343	9.69	585.85	154.94	0.88
Oso-2-Ocean	9205	2-EV	2279.00	35.29	38.56	38.06	39.24	0.005422	6.57	346.89	143.10	0.74
Oso-2-Ocean	9085	100-EV	45607.00	34.68	50.72	49.36	55.54	0.004031	17.62	2588.92	199.16	0.86
Oso-2-Ocean	9085	50-EV	40948.00	34.68	49.76	48.46	54.28	0.004093	17.07	2398.80	195.30	0.86
Oso-2-Ocean	9085	25-EV	26165.00	34.68	46.31	45.24	49.79	0.004388	14.96	1749.23	181.51	0.85
Oso-2-Ocean	9085	10-EV	12500.00	34.68	42.20	41.50	44.46	0.005106	12.05	1037.48	165.09	0.85
Oso-2-Ocean	9085	5-EV	5676.00	34.68	39.36	39.03	40.83	0.006539	9.70	585.02	153.73	0.88
Oso-2-Ocean	9085	2-EV	2279.00	34.68	37.29	37.29	38.32	0.010352	8.12	280.54	136.33	1.00
Oso-2-Ocean	8985	100-EV	45607.00	33.38	50.81	48.44	54.99	0.003246	16.40	2780.53	201.12	0.78
Oso-2-Ocean	8985	50-EV	40948.00	33.38	49.84	47.52	53.73	0.003252	15.83	2587.01	197.23	0.77

HEC-RAS Plan: NoPA45 (Continued)

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
Oso-2-Ocean	8985	25-EV	26165.00	33.38	46.36	44.27	49.23	0.003258	13.59	1925.57	183.33	0.74
Oso-2-Ocean	8985	10-EV	12500.00	33.38	42.20	40.50	43.89	0.003245	10.44	1196.81	166.67	0.69
Oso-2-Ocean	8985	5-EV	5676.00	33.38	39.28	37.99	40.23	0.003231	7.80	727.53	155.00	0.63
Oso-2-Ocean	8985	2-EV	2279.00	33.38	37.15	36.16	37.64	0.003100	5.56	409.71	140.53	0.57
Oso-2-Ocean	8910	100-EV	45607.00	33.09	50.40	48.28	54.73	0.003373	16.69	2731.89	227.41	0.80
Oso-2-Ocean	8910	50-EV	40948.00	33.09	49.43	47.36	53.47	0.003390	16.13	2538.96	196.78	0.79
Oso-2-Ocean	8910	25-EV	26165.00	33.09	45.96	44.12	48.97	0.003447	13.91	1880.81	182.91	0.76
Oso-2-Ocean	8910	10-EV	12500.00	33.09	41.81	40.37	43.63	0.003552	10.81	1156.61	166.33	0.72
Oso-2-Ocean	8910	5-EV	5676.00	33.09	38.90	37.87	39.95	0.003773	8.23	689.35	154.68	0.69
Oso-2-Ocean	8910	2-EV	2279.00	33.09	36.78	36.08	37.36	0.004111	6.10	373.55	139.78	0.66
Oso-2-Ocean	8610	100-EV	45607.00	31.35	49.65	47.01	53.67	0.003064	16.09	2834.46	281.89	0.76
Oso-2-Ocean	8610	50-EV	40948.00	31.35	48.67	46.10	52.41	0.003066	15.52	2637.77	273.27	0.75
Oso-2-Ocean	8610	25-EV	26165.00	31.35	45.17	42.86	47.92	0.003048	13.30	1967.92	236.55	0.72
Oso-2-Ocean	8610	10-EV	12500.00	31.35	40.99	39.09	42.59	0.002970	10.15	1231.15	167.83	0.66
Oso-2-Ocean	8610	5-EV	5676.00	31.35	38.03	36.59	38.91	0.002912	7.55	751.72	155.99	0.61
Oso-2-Ocean	8610	2-EV	2279.00	31.35	35.82	34.82	36.28	0.002986	5.45	418.02	143.85	0.56
Oso-2-Ocean	8307	100-EV	45707.00	30.12	48.92	45.86	52.71	0.002816	15.62	2925.61	487.80	0.73
Oso-2-Ocean	8307	50-EV	41038.00	30.12	47.94	44.94	51.46	0.002806	15.05	2726.44	406.48	0.72
Oso-2-Ocean	8307	25-EV	26234.00	30.12	44.44	41.70	46.98	0.002723	12.80	2050.04	186.48	0.68
Oso-2-Ocean	8307	10-EV	12542.00	30.12	40.30	37.94	41.72	0.002471	9.56	1311.89	169.91	0.61
Oso-2-Ocean	8307	5-EV	5703.00	30.12	37.39	35.44	38.12	0.002119	6.83	835.25	158.29	0.52
Oso-2-Ocean	8307	2-EV	2293.00	30.12	35.25	33.54	35.57	0.001709	4.54	504.66	148.89	0.44
Oso-2-Ocean	8041	100-EV	45707.00	30.32	45.68	45.60	51.57	0.004537	19.46	2348.33	326.70	0.99
Oso-2-Ocean	8041	50-EV	41038.00	30.32	44.85	44.69	50.32	0.004593	18.77	2186.88	265.36	0.98
Oso-2-Ocean	8041	25-EV	26234.00	30.32	41.83	41.49	45.88	0.004881	16.15	1624.61	180.29	0.95
Oso-2-Ocean	8041	10-EV	12542.00	30.32	38.12	37.80	40.65	0.005711	12.77	982.16	165.42	0.92
Oso-2-Ocean	8041	5-EV	5703.00	30.32	35.57	35.34	37.10	0.006881	9.95	573.37	155.22	0.91
Oso-2-Ocean	8041	2-EV	2293.00	30.32	33.66	33.55	34.63	0.008777	7.88	290.84	131.03	0.93
Oso-2-Ocean	7746	100-EV	45707.00	28.87	45.51	43.82	50.12	0.002935	17.21	2655.99	199.74	0.83
Oso-2-Ocean	7746	50-EV	41038.00	28.87	44.63	42.90	48.88	0.002938	16.54	2481.28	196.21	0.82
Oso-2-Ocean	7746	25-EV	26234.00	28.87	41.44	39.67	44.48	0.002942	13.99	1874.87	183.43	0.77
Oso-2-Ocean	7746	10-EV	12542.00	28.87	37.45	35.92	39.22	0.003031	10.66	1176.03	167.50	0.71
Oso-2-Ocean	7746	5-EV	5703.00	28.87	34.71	33.43	35.65	0.002953	7.80	730.98	156.51	0.64
Oso-2-Ocean	7746	2-EV	2293.00	28.87	32.71	31.61	33.16	0.002676	5.37	427.38	144.81	0.55
Oso-2-Ocean	7417	100-EV	45707.00	28.34	42.80	42.80	48.80	0.004495	19.64	2327.15	239.80	1.00
Oso-2-Ocean	7417	50-EV	41038.00	28.34	41.89	41.89	47.55	0.004653	19.07	2152.03	202.02	1.00
Oso-2-Ocean	7417	25-EV	26234.00	28.34	38.68	38.68	43.07	0.005335	16.81	1561.04	177.65	1.00
Oso-2-Ocean	7417	10-EV	12542.00	28.34	35.28	34.96	37.83	0.005527	12.80	979.56	164.04	0.92
Oso-2-Ocean	7417	5-EV	5703.00	28.34	32.91	32.49	34.30	0.005616	9.47	602.07	154.56	0.85
Oso-2-Ocean	7417	2-EV	2293.00	28.34	31.19	30.81	31.89	0.005818	6.70	342.21	146.49	0.77
Oso-2-Ocean	7118	100-EV	45707.00	25.87	41.16	41.16	47.16	0.004432	19.64	2326.70	225.63	1.00
Oso-2-Ocean	7118	50-EV	41038.00	25.87	40.30	40.25	45.90	0.004523	18.99	2161.18	190.59	0.99
Oso-2-Ocean	7118	25-EV	26234.00	25.87	37.43	37.03	41.45	0.004561	16.08	1631.03	179.12	0.94
Oso-2-Ocean	7118	10-EV	12542.00	25.87	33.91	33.31	36.24	0.004679	12.22	1025.95	165.06	0.86
Oso-2-Ocean	7118	5-EV	5703.00	25.87	31.39	30.84	32.70	0.004955	9.16	622.39	154.97	0.81
Oso-2-Ocean	7118	2-EV	2293.00	25.87	29.53	29.06	30.23	0.005276	6.67	343.60	140.30	0.75
Oso-2-Ocean	6817	100-EV	45707.00	24.71	40.58	39.66	45.73	0.003299	18.21	2510.15	394.42	0.90
Oso-2-Ocean	6817	50-EV	41038.00	24.71	39.73	38.74	44.50	0.003309	17.51	2343.49	358.39	0.89
Oso-2-Ocean	6817	25-EV	26234.00	24.71	36.69	35.54	40.11	0.003316	14.82	1770.13	182.65	0.84
Oso-2-Ocean	6817	10-EV	12542.00	24.71	33.05	31.82	34.96	0.003222	11.09	1130.65	168.06	0.75
Oso-2-Ocean	6817	5-EV	5703.00	24.71	30.43	29.35	31.45	0.003098	8.08	705.53	157.62	0.67
Oso-2-Ocean	6817	2-EV	2293.00	24.71	28.52	27.66	29.00	0.002961	5.58	410.77	149.90	0.59
Oso-2-Ocean	6517	100-EV	45707.00	23.72	39.69	38.61	44.67	0.003414	17.91	2551.45	592.05	0.89
Oso-2-Ocean	6517	50-EV	41038.00	23.72	38.80	37.71	43.44	0.003457	17.27	2375.65	567.26	0.88
Oso-2-Ocean	6517	25-EV	26234.00	23.72	35.67	34.54	39.06	0.003594	14.77	1775.58	219.43	0.84
Oso-2-Ocean	6517	10-EV	12542.00	23.72	31.94	30.86	33.91	0.003711	11.26	1114.25	170.13	0.78
Oso-2-Ocean	6517	5-EV	5703.00	23.72	29.38	28.42	30.44	0.003657	8.25	690.86	159.87	0.70
Oso-2-Ocean	6517	2-EV	2293.00	23.72	27.55	26.78	28.05	0.003420	5.66	405.18	152.55	0.61
Oso-2-Ocean	6217	100-EV	45707.00	22.81	38.98	37.45	43.59	0.003082	17.21	2656.29	401.03	0.84
Oso-2-Ocean	6217	50-EV	41038.00	22.81	38.05	36.54	42.35	0.003144	16.63	2467.46	384.17	0.84
Oso-2-Ocean	6217	25-EV	26234.00	22.81	34.75	33.39	37.96	0.003375	14.37	1825.85	245.53	0.81
Oso-2-Ocean	6217	10-EV	12542.00	22.81	30.85	29.76	32.79	0.003722	11.17	1123.12	172.24	0.77
Oso-2-Ocean	6217	5-EV	5703.00	22.81	28.12	27.34	29.26	0.004204	8.54	688.15	161.33	0.74
Oso-2-Ocean	6217	2-EV	2293.00	22.81	26.20	25.72	26.81	0.004944	6.27	365.78	153.65	0.72
Oso-2-Ocean	5917	100-EV	45707.00	21.95	38.83	35.97	42.55	0.002177	15.48	2952.95	415.95	0.73
Oso-2-Ocean	5917	50-EV	41038.00	21.95	37.84	35.08	41.32	0.002218	14.96	2743.08	400.25	0.73
Oso-2-Ocean	5917	25-EV	26234.00	21.95	34.36	31.96	36.93	0.002339	12.87	2038.49	336.54	0.70
Oso-2-Ocean	5917	10-EV	12542.00	21.95	30.26	28.34	31.76	0.002442	9.85	1272.86	177.88	0.65
Oso-2-Ocean	5917	5-EV	5703.00	21.95	27.37	25.94	28.20	0.002527	7.34	776.48	165.65	0.60
Oso-2-Ocean	5917	2-EV	2293.00	21.95	25.24	24.33	25.68	0.002753	5.28	434.42	156.66	0.56

HEC-RAS Plan: NoPA45 (Continued)

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
Oso-2-Ocean	5617	100-EV	45707.00	20.93	38.47	34.86	41.83	0.001878	14.70	3109.16	506.09	0.68
Oso-2-Ocean	5617	50-EV	41038.00	20.93	37.47	33.97	40.59	0.001901	14.18	2894.01	455.86	0.68
Oso-2-Ocean	5617	25-EV	26234.00	20.93	33.93	30.86	36.20	0.001948	12.09	2170.69	284.82	0.64
Oso-2-Ocean	5617	10-EV	12542.00	20.93	29.77	27.26	31.05	0.001902	9.06	1383.92	180.90	0.58
Oso-2-Ocean	5617	5-EV	5703.00	20.93	26.86	24.88	27.52	0.001756	6.52	874.31	169.25	0.51
Oso-2-Ocean	5617	2-EV	2293.00	20.93	24.73	23.28	25.03	0.001533	4.38	523.05	160.74	0.43
Oso-2-Ocean	5248	100-EV	45707.00	19.58	37.80	34.23	41.10	0.001936	14.56	3139.79	220.97	0.68
Oso-2-Ocean	5248	50-EV	41038.00	19.58	36.77	33.37	39.85	0.001979	14.08	2914.31	216.85	0.68
Oso-2-Ocean	5248	25-EV	26234.00	19.58	33.10	30.32	35.43	0.002160	12.23	2144.94	202.16	0.66
Oso-2-Ocean	5248	10-EV	12542.00	19.58	28.79	26.82	30.22	0.002429	9.57	1311.16	184.93	0.63
Oso-2-Ocean	5248	5-EV	5703.00	19.58	25.89	24.49	26.70	0.002619	7.21	790.95	173.31	0.60
Oso-2-Ocean	5248	2-EV	2293.00	19.58	23.88	22.89	24.28	0.002603	5.08	451.29	162.91	0.54
Oso-2-Ocean	5048		Bridge									
Oso-2-Ocean	5036	100-EV	45707.00	17.96	34.12	32.62	38.64	0.002978	17.06	2679.91	273.29	0.84
Oso-2-Ocean	5036	50-EV	41038.00	17.96	33.28	31.75	37.45	0.002975	16.38	2505.60	267.31	0.83
Oso-2-Ocean	5036	25-EV	26234.00	17.96	30.18	28.66	33.20	0.003047	13.94	1881.76	243.90	0.79
Oso-2-Ocean	5036	10-EV	12542.00	17.96	26.51	25.13	28.22	0.003048	10.51	1192.88	180.10	0.72
Oso-2-Ocean	5036	5-EV	5703.00	17.96	23.91	22.78	24.84	0.003007	7.71	739.41	169.73	0.65
Oso-2-Ocean	5036	2-EV	2293.00	17.96	22.01	21.19	22.46	0.002994	5.39	425.04	160.56	0.58
Oso-2-Ocean	4855	100-EV	45707.00	17.51	33.69	31.89	37.99	0.002939	16.63	2749.29	277.80	0.82
Oso-2-Ocean	4855	50-EV	41038.00	17.51	32.85	31.02	36.81	0.002932	15.96	2571.93	266.70	0.80
Oso-2-Ocean	4855	25-EV	26234.00	17.51	29.71	27.96	32.57	0.002996	13.57	1933.70	218.53	0.76
Oso-2-Ocean	4855	10-EV	12542.00	17.51	26.02	24.44	27.62	0.002937	10.16	1233.98	182.08	0.69
Oso-2-Ocean	4855	5-EV	5703.00	17.51	23.43	22.10	24.27	0.002759	7.34	776.69	171.74	0.61
Oso-2-Ocean	4855	2-EV	2293.00	17.51	21.55	20.52	21.94	0.002493	4.98	460.42	164.20	0.52
Oso-2-Ocean	4555	100-EV	45707.00	17.04	31.03	31.03	36.75	0.004744	19.17	2383.81	442.47	1.00
Oso-2-Ocean	4555	50-EV	41038.00	17.04	30.18	30.18	35.55	0.004902	18.60	2206.60	415.63	1.00
Oso-2-Ocean	4555	25-EV	26234.00	17.04	27.40	27.15	31.32	0.005099	15.88	1652.26	291.52	0.96
Oso-2-Ocean	4555	10-EV	12542.00	17.04	24.09	23.68	26.39	0.005403	12.16	1031.48	180.83	0.90
Oso-2-Ocean	4555	5-EV	5703.00	17.04	21.82	21.38	23.09	0.005597	9.04	631.16	171.75	0.83
Oso-2-Ocean	4555	2-EV	2293.00	17.04	20.28	19.84	20.87	0.005233	6.18	370.82	165.57	0.73
Oso-2-Ocean	4255	100-EV	45707.00	14.96	30.30	29.37	35.19	0.003756	17.74	2576.97	397.50	0.90
Oso-2-Ocean	4255	50-EV	41038.00	14.96	29.45	28.52	34.00	0.003814	17.11	2398.25	388.12	0.89
Oso-2-Ocean	4255	25-EV	26234.00	14.96	26.48	25.49	29.80	0.003950	14.60	1797.29	333.28	0.85
Oso-2-Ocean	4255	10-EV	12542.00	14.96	22.88	22.01	24.85	0.004273	11.26	1114.22	182.47	0.80
Oso-2-Ocean	4255	5-EV	5703.00	14.96	20.32	19.72	21.48	0.004911	8.64	660.31	172.23	0.78
Oso-2-Ocean	4255	2-EV	2293.00	14.96	18.43	18.11	19.12	0.006439	6.66	344.20	158.70	0.80
Oso-2-Ocean	3955	100-EV	45707.00	13.95	30.05	27.72	33.96	0.002603	15.88	2878.48	434.36	0.77
Oso-2-Ocean	3955	50-EV	41038.00	13.95	29.15	26.86	32.78	0.002618	15.28	2685.85	421.46	0.76
Oso-2-Ocean	3955	25-EV	26234.00	13.95	26.06	23.83	28.62	0.002581	12.85	2042.06	336.06	0.71
Oso-2-Ocean	3955	10-EV	12542.00	13.95	22.32	20.35	23.73	0.002443	9.52	1317.11	186.74	0.63
Oso-2-Ocean	3955	5-EV	5703.00	13.95	19.68	18.05	20.40	0.002225	6.82	836.76	176.15	0.55
Oso-2-Ocean	3955	2-EV	2293.00	13.95	17.66	16.45	18.00	0.002100	4.69	489.43	168.08	0.48
Oso-2-Ocean	3655	100-EV	45934.00	13.31	27.75	27.17	32.87	0.004199	18.14	2532.54	337.32	0.93
Oso-2-Ocean	3655	50-EV	41237.00	13.31	27.00	26.32	31.70	0.004183	17.39	2370.97	329.47	0.92
Oso-2-Ocean	3655	25-EV	26399.00	13.31	24.12	23.34	27.55	0.004341	14.84	1778.45	227.00	0.88
Oso-2-Ocean	3655	10-EV	12644.00	13.31	20.69	19.91	22.69	0.004560	11.34	1114.57	186.70	0.82
Oso-2-Ocean	3655	5-EV	5769.00	13.31	18.26	17.58	19.40	0.004852	8.57	673.10	174.43	0.77
Oso-2-Ocean	3655	2-EV	2330.00	13.31	16.47	15.91	17.06	0.004739	6.18	377.32	155.12	0.70
Oso-2-Ocean	3355	100-EV	45934.00	11.94	27.20	25.64	31.55	0.003148	16.75	2743.03	386.93	0.83
Oso-2-Ocean	3355	50-EV	41237.00	11.94	26.42	24.80	30.41	0.003114	16.02	2573.33	364.04	0.82
Oso-2-Ocean	3355	25-EV	26399.00	11.94	23.40	21.83	26.28	0.003178	13.62	1938.64	320.94	0.78
Oso-2-Ocean	3355	10-EV	12644.00	11.94	19.83	18.41	21.45	0.003139	10.22	1236.80	189.72	0.71
Oso-2-Ocean	3355	5-EV	5769.00	11.94	17.32	16.15	18.18	0.003051	7.47	772.59	179.67	0.63
Oso-2-Ocean	3355	2-EV	2330.00	11.94	15.52	14.57	15.93	0.002817	5.10	456.53	172.49	0.55
Oso-2-Ocean	3055	100-EV	45934.00	10.65	26.34	24.70	30.59	0.003063	16.52	2779.96	363.47	0.82
Oso-2-Ocean	3055	50-EV	41237.00	10.65	25.57	23.85	29.45	0.003024	15.80	2609.71	354.58	0.81
Oso-2-Ocean	3055	25-EV	26399.00	10.65	22.46	20.91	25.32	0.003189	13.56	1946.52	302.92	0.78
Oso-2-Ocean	3055	10-EV	12644.00	10.65	18.78	17.53	20.47	0.003402	10.42	1213.20	191.99	0.73
Oso-2-Ocean	3055	5-EV	5769.00	10.65	16.17	15.30	17.15	0.003828	7.96	725.13	181.54	0.70
Oso-2-Ocean	3055	2-EV	2330.00	10.65	14.33	13.78	14.86	0.004527	5.86	397.81	174.17	0.68
Oso-2-Ocean	2755	100-EV	45934.00	10.29	25.96	23.33	29.59	0.002405	15.29	3005.10	358.48	0.74
Oso-2-Ocean	2755	50-EV	41237.00	10.29	25.18	22.50	28.48	0.002352	14.58	2829.00	341.15	0.72
Oso-2-Ocean	2755	25-EV	26399.00	10.29	21.96	19.57	24.35	0.002413	12.41	2127.24	253.84	0.69
Oso-2-Ocean	2755	10-EV	12644.00	10.29	18.17	16.20	19.52	0.002390	9.33	1355.56	196.02	0.63
Oso-2-Ocean	2755	5-EV	5769.00	10.29	15.43	13.98	16.17	0.002433	6.91	834.61	185.09	0.57
Oso-2-Ocean	2755	2-EV	2330.00	10.29	13.39	12.50	13.78	0.002731	5.01	464.83	176.91	0.55
Oso-2-Ocean	2455	100-EV	45934.00	8.81	25.57	22.24	28.81	0.002030	14.44	3180.86	663.78	0.69

HEC-RAS Plan: NoPA45 (Continued)

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
Oso-2-Ocean	2455	50-EV	41237.00	8.81	24.79	21.41	27.73	0.001970	13.74	3001.29	620.29	0.67
Oso-2-Ocean	2455	25-EV	26399.00	8.81	21.50	18.51	23.61	0.001983	11.63	2269.76	457.05	0.63
Oso-2-Ocean	2455	10-EV	12644.00	8.81	17.69	15.17	18.83	0.001842	8.58	1474.42	200.58	0.56
Oso-2-Ocean	2455	5-EV	5769.00	8.81	14.94	12.97	15.53	0.001677	6.15	938.79	189.60	0.49
Oso-2-Ocean	2455	2-EV	2330.00	8.81	12.86	11.50	13.14	0.001555	4.21	553.69	181.30	0.42
Oso-2-Ocean	2155	100-EV	45934.00	8.21	24.06	22.18	28.01	0.003008	15.94	2881.67	254.71	0.80
Oso-2-Ocean	2155	50-EV	41237.00	8.21	23.43	21.38	26.96	0.002863	15.07	2736.76	230.05	0.77
Oso-2-Ocean	2155	25-EV	26399.00	8.21	18.57	18.53	22.48	0.005867	15.85	1665.14	210.60	0.99
Oso-2-Ocean	2155	10-EV	12644.00	8.21	15.86	15.23	17.88	0.005073	11.40	1109.43	199.77	0.85
Oso-2-Ocean	2155	5-EV	5769.00	8.21	13.66	12.82	14.72	0.004210	8.28	696.90	174.56	0.73
Oso-2-Ocean	2155	2-EV	2330.00	8.21	11.97	11.18	12.46	0.003354	5.57	418.03	158.26	0.60
Oso-2-Ocean	1855	100-EV	45934.00	7.22	23.95	20.44	27.03	0.001963	14.07	3263.83	325.75	0.67
Oso-2-Ocean	1855	50-EV	41237.00	7.22	23.31	19.62	26.04	0.001842	13.25	3113.27	300.50	0.64
Oso-2-Ocean	1855	25-EV	26399.00	7.22	16.79	16.79	20.73	0.005792	15.93	1657.64	209.97	1.00
Oso-2-Ocean	1855	10-EV	12644.00	7.22	13.52	13.52	16.04	0.007111	12.74	992.37	196.96	1.00
Oso-2-Ocean	1855	5-EV	5769.00	7.22	11.37	11.37	12.91	0.008729	9.96	578.95	188.43	1.00
Oso-2-Ocean	1855	2-EV	2330.00	7.22	9.86	9.86	10.77	0.010552	7.63	305.31	168.78	1.00
Oso-2-Ocean	1502	100-EV	45934.00	6.05	25.02	16.13	26.09	0.000562	8.30	5537.29	383.26	0.35
Oso-2-Ocean	1502	50-EV	41237.00	6.05	24.25	15.51	25.19	0.000527	7.79	5291.08	381.56	0.34
Oso-2-Ocean	1502	25-EV	26399.00	6.05	15.76	13.30	17.35	0.002218	10.12	2609.71	308.45	0.61
Oso-2-Ocean	1502	10-EV	12644.00	6.05	12.61	10.79	13.51	0.002247	7.62	1659.94	295.41	0.57
Oso-2-Ocean	1502	5-EV	5769.00	6.05	10.64	9.06	11.08	0.001910	5.32	1084.01	287.37	0.48
Oso-2-Ocean	1502	2-EV	2330.00	6.05	9.12	7.90	9.31	0.001437	3.51	663.18	262.87	0.39
Oso-2-Ocean	1337	100-EV	45934.00	5.78	25.16	14.83	25.81	0.000336	6.46	7112.77	521.72	0.27
Oso-2-Ocean	1337	50-EV	41237.00	5.78	24.36	14.28	24.94	0.000316	6.07	6791.61	519.10	0.26
Oso-2-Ocean	1337	25-EV	26399.00	5.78	15.78	12.43	16.76	0.001360	7.92	3333.98	396.22	0.48
Oso-2-Ocean	1337	10-EV	12644.00	5.78	12.46	10.34	13.05	0.001586	6.21	2036.48	383.84	0.48
Oso-2-Ocean	1337	5-EV	5769.00	5.78	10.40	8.91	10.73	0.001640	4.60	1255.28	376.69	0.44
Oso-2-Ocean	1337	2-EV	2330.00	5.78	8.87	7.83	9.05	0.001694	3.36	693.23	339.72	0.41
Oso-2-Ocean	1241		Bridge									
Oso-2-Ocean	1193	100-EV	45934.00	5.51	24.80	14.65	25.49	0.000373	6.68	6877.65	736.30	0.28
Oso-2-Ocean	1193	50-EV	41237.00	5.51	24.08	14.12	24.68	0.000345	6.25	6598.51	733.93	0.27
Oso-2-Ocean	1193	25-EV	26399.00	5.51	15.48	12.27	16.50	0.001481	8.09	3261.34	523.51	0.49
Oso-2-Ocean	1193	10-EV	12644.00	5.51	12.18	10.20	12.81	0.001750	6.36	1988.77	418.27	0.49
Oso-2-Ocean	1193	5-EV	5769.00	5.51	10.15	8.79	10.50	0.001855	4.74	1217.75	378.47	0.47
Oso-2-Ocean	1193	2-EV	2330.00	5.51	8.62	7.75	8.82	0.002123	3.57	653.56	344.01	0.46
Oso-2-Ocean	1146	100-EV	45934.00	5.31	24.86	13.38	25.39	0.000265	5.83	7875.66	665.01	0.24
Oso-2-Ocean	1146	50-EV	41237.00	5.31	24.14	12.88	24.60	0.000244	5.45	7567.74	663.96	0.23
Oso-2-Ocean	1146	25-EV	26399.00	5.31	15.59	11.13	16.28	0.000872	6.68	3950.24	445.13	0.39
Oso-2-Ocean	1146	10-EV	12644.00	5.31	12.25	9.17	12.63	0.000860	4.97	2543.17	417.73	0.36
Oso-2-Ocean	1146	5-EV	5769.00	5.31	10.19	7.89	10.37	0.000698	3.42	1687.17	413.61	0.30
Oso-2-Ocean	1146	2-EV	2330.00	5.31	8.64	6.99	8.71	0.000554	2.22	1048.14	410.51	0.25
Oso-2-Ocean	1116	100-EV	45934.00	5.13	24.87	13.18	25.37	0.000247	5.66	8111.76	731.78	0.23
Oso-2-Ocean	1116	50-EV	41237.00	5.13	24.14	12.68	24.58	0.000228	5.29	7792.27	713.96	0.22
Oso-2-Ocean	1116	25-EV	26399.00	5.13	15.58	10.95	16.24	0.000814	6.51	4057.59	437.66	0.37
Oso-2-Ocean	1116	10-EV	12644.00	5.13	12.23	9.01	12.59	0.000786	4.81	2629.29	423.31	0.34
Oso-2-Ocean	1116	5-EV	5769.00	5.13	10.17	7.76	10.34	0.000617	3.27	1761.85	419.19	0.28
Oso-2-Ocean	1116	2-EV	2330.00	5.13	8.62	6.93	8.69	0.000460	2.09	1114.79	416.08	0.23
Oso-2-Ocean	1050		Bridge									
Oso-2-Ocean	1018	100-EV	45934.00	5.12	15.23	14.49	18.26	0.004748	13.97	3288.57	412.24	0.87
Oso-2-Ocean	1018	50-EV	41237.00	5.12	14.67	13.99	17.50	0.004827	13.47	3060.44	410.03	0.87
Oso-2-Ocean	1018	25-EV	26399.00	5.12	12.72	12.18	14.83	0.005207	11.66	2264.97	403.05	0.87
Oso-2-Ocean	1018	10-EV	12644.00	5.12	10.40	10.16	11.78	0.006415	9.41	1343.75	392.22	0.90
Oso-2-Ocean	1018	5-EV	5769.00	5.12	8.78	8.72	9.76	0.008799	7.97	724.27	350.57	0.98
Oso-2-Ocean	1018	2-EV	2330.00	5.12	7.67	7.67	8.31	0.011127	6.38	365.47	299.09	1.02
Oso-2-Ocean	880	100-EV	45934.00	4.85	15.34	13.28	17.42	0.003001	11.58	3968.23	525.39	0.69
Oso-2-Ocean	880	50-EV	41237.00	4.85	14.76	12.79	16.68	0.003002	11.12	3708.65	517.72	0.68
Oso-2-Ocean	880	25-EV	26399.00	4.85	12.71	11.03	14.08	0.003002	9.40	2807.99	489.81	0.65
Oso-2-Ocean	880	10-EV	12644.00	4.85	10.28	9.02	11.07	0.003002	7.12	1776.22	417.20	0.61
Oso-2-Ocean	880	5-EV	5769.00	4.85	8.58	7.65	9.02	0.003005	5.33	1082.42	393.07	0.57
Oso-2-Ocean	880	2-EV	2330.00	4.85	7.34	6.62	7.56	0.003001	3.81	611.70	367.50	0.52

HEC-RAS Plan: PA34 Ultimat

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
UpStream-2-Bell	61295	100-EV	20300.00	377.16	389.72	385.20	390.06	0.012964	4.70	4323.53	933.24	0.38
UpStream-2-Bell	61295	50-EV	18156.00	377.16	389.28	384.86	389.61	0.011769	4.61	3939.32	812.87	0.37
UpStream-2-Bell	61295	25-EV	11896.00	377.16	387.59	383.31	387.88	0.012146	4.34	2739.44	632.73	0.37
UpStream-2-Bell	61295	10-EV	6364.00	377.16	384.52	381.89	384.84	0.014054	4.52	1406.64	340.57	0.39
UpStream-2-Bell	61295	5-EV	2205.00	377.16	382.16	380.47	382.30	0.009316	2.93	751.30	255.90	0.30
UpStream-2-Bell	61295	2-EV	626.00	377.16	380.57	378.73	380.62	0.008279	1.76	356.28	240.07	0.25
UpStream-2-Bell	61123	100-EV	20300.00	376.00	388.19		388.42	0.007075	3.80	5337.08	1001.77	0.29
UpStream-2-Bell	61123	50-EV	18156.00	376.00	387.84		388.05	0.006960	3.64	4986.53	987.13	0.29
UpStream-2-Bell	61123	25-EV	11896.00	376.00	386.06		386.25	0.007316	3.47	3428.25	756.69	0.29
UpStream-2-Bell	61123	10-EV	6364.00	376.00	382.46		382.72	0.010734	4.15	1531.70	343.26	0.35
UpStream-2-Bell	61123	5-EV	2205.00	376.00	379.71		379.91	0.022756	3.61	611.60	298.79	0.44
UpStream-2-Bell	61123	2-EV	626.00	376.00	378.26		378.37	0.023512	2.61	240.03	195.52	0.41
UpStream-2-Bell	60921	100-EV	20300.00	374.00	386.80		387.00	0.006869	3.62	5603.43	1106.66	0.28
UpStream-2-Bell	60921	50-EV	18156.00	374.00	386.46		386.65	0.006785	3.47	5236.79	1094.52	0.28
UpStream-2-Bell	60921	25-EV	11896.00	374.00	384.85		385.00	0.005202	3.19	3725.20	720.50	0.25
UpStream-2-Bell	60921	10-EV	6364.00	374.00	381.46		381.59	0.003263	2.88	2212.85	351.89	0.20
UpStream-2-Bell	60921	5-EV	2205.00	374.00	377.97		378.04	0.004823	2.16	1018.97	334.05	0.22
UpStream-2-Bell	60921	2-EV	626.00	374.00	376.25		376.28	0.005672	1.39	451.40	326.45	0.21
UpStream-2-Bell	60750	100-EV	20300.00	372.00	385.35		385.59	0.009915	3.93	5165.29	1189.27	0.33
UpStream-2-Bell	60750	50-EV	18156.00	372.00	385.02		385.24	0.010089	3.81	4768.88	1166.69	0.33
UpStream-2-Bell	60750	25-EV	11896.00	372.00	383.58		383.78	0.010188	3.61	3298.56	880.86	0.33
UpStream-2-Bell	60750	10-EV	6364.00	372.00	380.25		380.61	0.011360	4.80	1325.63	248.25	0.37
UpStream-2-Bell	60750	5-EV	2205.00	372.00	376.56		376.77	0.012604	3.66	601.91	183.29	0.36
UpStream-2-Bell	60750	2-EV	626.00	372.00	374.58		374.68	0.018087	2.53	247.85	173.53	0.37
UpStream-2-Bell	60599	100-EV	20300.00	370.00	383.98		384.17	0.008841	3.43	5923.41	1538.86	0.31
UpStream-2-Bell	60599	50-EV	18156.00	370.00	383.63		383.81	0.008797	3.36	5401.68	1439.32	0.31
UpStream-2-Bell	60599	25-EV	11896.00	370.00	382.05		382.23	0.010253	3.45	3452.72	993.57	0.33
UpStream-2-Bell	60599	10-EV	6364.00	370.00	378.29		378.67	0.014649	5.00	1272.62	272.53	0.41
UpStream-2-Bell	60599	5-EV	2205.00	370.00	374.89		375.08	0.010041	3.51	627.65	172.23	0.32
UpStream-2-Bell	60599	2-EV	626.00	370.00	372.77		372.84	0.008717	2.18	287.26	145.41	0.27
UpStream-2-Bell	60374	100-EV	20300.00	368.00	381.79		382.01	0.010344	3.83	5304.40	1311.95	0.34
UpStream-2-Bell	60374	50-EV	18156.00	368.00	381.42	375.49	381.64	0.010544	3.76	4830.85	1245.34	0.34
UpStream-2-Bell	60374	25-EV	11896.00	368.00	379.56		379.82	0.011134	4.08	2918.05	691.89	0.35
UpStream-2-Bell	60374	10-EV	6364.00	368.00	375.99		376.29	0.007862	4.39	1451.30	236.34	0.31
UpStream-2-Bell	60374	5-EV	2205.00	368.00	373.18		373.30	0.006229	2.74	804.57	223.80	0.25
UpStream-2-Bell	60374	2-EV	626.00	368.00	371.27		371.31	0.005375	1.62	387.12	213.39	0.21
UpStream-2-Bell	60149	100-EV	20300.00	366.00	374.37	373.91	377.03	0.064239	13.10	1549.06	236.18	0.90
UpStream-2-Bell	60149	50-EV	18156.00	366.00	373.55	373.43	376.33	0.077104	13.36	1359.23	231.15	0.97
UpStream-2-Bell	60149	25-EV	11896.00	366.00	371.93	371.93	374.16	0.088845	11.99	992.46	221.27	1.00
UpStream-2-Bell	60149	10-EV	6364.00	366.00	370.32	370.32	371.84	0.101207	9.89	643.17	211.28	1.00
UpStream-2-Bell	60149	5-EV	2205.00	366.00	368.71	368.71	369.48	0.125551	7.06	312.30	200.51	1.00
UpStream-2-Bell	60149	2-EV	626.00	366.00	367.77	367.63	368.10	0.101972	4.59	136.43	143.15	0.83
UpStream-2-Bell	59999	100-EV	20300.00	357.84	372.80	366.31	373.64	0.008933	7.32	2773.97	227.25	0.37
UpStream-2-Bell	59999	50-EV	18156.00	357.84	372.04	365.79	372.79	0.008685	6.98	2601.14	224.31	0.36
UpStream-2-Bell	59999	25-EV	11896.00	357.84	369.50	364.18	370.02	0.007855	5.83	2042.09	215.36	0.33
UpStream-2-Bell	59999	10-EV	6364.00	357.84	366.40	362.38	366.72	0.007393	4.57	1393.48	203.61	0.31
UpStream-2-Bell	59999	5-EV	2205.00	357.84	362.45	360.54	362.64	0.011151	3.54	622.97	182.97	0.34
UpStream-2-Bell	59999	2-EV	626.00	357.84	359.96	359.41	360.11	0.032278	3.16	198.17	153.59	0.49
UpStream-2-Bell	59699	100-EV	20300.00	352.12	369.14	364.54	370.18	0.015153	8.20	2477.10	256.77	0.47
UpStream-2-Bell	59699	50-EV	18156.00	352.12	368.40	363.97	369.38	0.015354	7.93	2289.46	251.92	0.46
UpStream-2-Bell	59699	25-EV	11896.00	352.12	366.02	361.65	366.77	0.015687	6.97	1707.85	232.48	0.45
UpStream-2-Bell	59699	10-EV	6364.00	352.12	363.25	359.12	363.75	0.013856	5.64	1127.39	191.93	0.41
UpStream-2-Bell	59699	5-EV	2205.00	352.12	359.72	356.18	359.93	0.007490	3.68	598.94	122.18	0.29
UpStream-2-Bell	59699	2-EV	626.00	352.12	356.54	354.26	356.63	0.005879	2.37	263.67	86.99	0.24
UpStream-2-Bell	59550	100-EV	20300.00	350.00	367.06		368.02	0.013580	7.86	2581.83	261.10	0.44
UpStream-2-Bell	59550	50-EV	18156.00	350.00	366.34		367.23	0.013171	7.57	2398.49	250.92	0.43
UpStream-2-Bell	59550	25-EV	11896.00	350.00	364.02		364.67	0.012330	6.47	1839.41	232.33	0.41
UpStream-2-Bell	59550	10-EV	6364.00	350.00	361.44		361.84	0.011510	5.06	1257.40	218.64	0.37
UpStream-2-Bell	59550	5-EV	2205.00	350.00	358.53		358.70	0.008886	3.32	664.32	179.93	0.30
UpStream-2-Bell	59550	2-EV	626.00	350.00	355.82		355.89	0.004203	2.12	295.18	89.32	0.21
UpStream-2-Bell	59325	100-EV	20300.00	350.00	364.50		365.27	0.010654	7.02	2890.10	290.13	0.39
UpStream-2-Bell	59325	50-EV	18156.00	350.00	363.82		364.53	0.010618	6.74	2693.92	287.27	0.39
UpStream-2-Bell	59325	25-EV	11896.00	350.00	361.56		362.08	0.010482	5.78	2058.21	274.42	0.37
UpStream-2-Bell	59325	10-EV	6364.00	350.00	359.00		359.33	0.010652	4.63	1373.83	259.21	0.35
UpStream-2-Bell	59325	5-EV	2205.00	350.00	356.21		356.37	0.012225	3.26	675.87	240.00	0.34
UpStream-2-Bell	59325	2-EV	626.00	350.00	354.11		354.21	0.016734	2.65	236.67	145.72	0.37
UpStream-2-Bell	59024	100-EV	20300.00	346.05	360.72	356.30	361.65	0.013548	7.74	2621.31	272.33	0.44
UpStream-2-Bell	59024	50-EV	18156.00	346.05	360.12	355.84	360.96	0.013201	7.39	2458.09	269.03	0.43
UpStream-2-Bell	59024	25-EV	11896.00	346.05	358.16	354.42	358.74	0.011758	6.13	1941.29	258.30	0.39
UpStream-2-Bell	59024	10-EV	6364.00	346.05	355.88	352.82	356.21	0.010091	4.66	1366.66	245.40	0.35

HEC-RAS Plan: PA34 Ultimat (Continued)

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
UpStream-2-Bell	59024	5-EV	2205.00	346.05	353.25	350.65	353.39	0.008213	2.97	742.90	225.39	0.29
UpStream-2-Bell	59024	2-EV	626.00	346.05	350.77	348.49	350.84	0.007999	2.20	284.49	132.71	0.26
UpStream-2-Bell	58874	100-EV	20300.00	346.00	357.68	354.94	358.99	0.023387	9.17	2214.49	269.37	0.56
UpStream-2-Bell	58874	50-EV	18156.00	346.00	357.20	354.53	358.38	0.022647	8.71	2085.38	267.77	0.55
UpStream-2-Bell	58874	25-EV	11896.00	346.00	355.80	353.15	356.55	0.018184	6.94	1714.35	263.12	0.48
UpStream-2-Bell	58874	10-EV	6364.00	346.00	354.01	351.89	354.42	0.014305	5.09	1249.20	255.34	0.41
UpStream-2-Bell	58874	5-EV	2205.00	346.00	351.83		351.98	0.010769	3.13	705.10	242.88	0.32
UpStream-2-Bell	58874	2-EV	626.00	346.00	348.98		349.15	0.016870	3.29	190.12	84.77	0.39
Bell-2-Gober	58274	100-EV	20204.00	340.00	347.99	346.75	348.88	0.012431	7.55	2674.98	764.06	0.62
Bell-2-Gober	58274	50-EV	17745.00	340.00	347.66	346.47	348.45	0.012296	7.15	2480.79	751.32	0.61
Bell-2-Gober	58274	25-EV	14843.00	340.00	347.24	346.13	347.92	0.012095	6.63	2237.38	736.52	0.60
Bell-2-Gober	58274	10-EV	7201.00	340.00	345.82	345.07	346.22	0.013106	5.12	1406.80	681.34	0.58
Bell-2-Gober	58274	5-EV	2413.00	340.00	344.45	343.29	344.67	0.013689	3.78	638.94	516.66	0.57
Bell-2-Gober	58274	2-EV	529.00	340.00	342.68	341.61	342.77	0.006829	2.45	215.78	188.17	0.38
Bell-2-Gober	58124	100-EV	20204.00	339.45	346.80	344.91	347.34	0.007516	5.90	3424.89	940.39	0.48
Bell-2-Gober	58124	50-EV	17747.00	339.45	346.45	344.64	346.94	0.007496	5.60	3168.62	929.11	0.48
Bell-2-Gober	58124	25-EV	14844.00	339.45	346.01	344.31	346.44	0.007461	5.21	2847.88	879.66	0.47
Bell-2-Gober	58124	10-EV	7143.00	339.45	344.55	343.27	344.79	0.006754	3.94	1813.79	667.11	0.42
Bell-2-Gober	58124	5-EV	2360.00	339.45	343.06	342.26	343.17	0.007256	2.74	862.88	597.58	0.40
Bell-2-Gober	58124	2-EV	528.00	339.45	341.49	340.86	341.59	0.009055	2.53	208.42	189.61	0.43
Bell-2-Gober	57899	100-EV	20204.00	338.00	344.91	343.17	345.45	0.009447	5.86	3446.49	905.46	0.49
Bell-2-Gober	57899	50-EV	17747.00	338.00	344.57	342.94	345.05	0.009474	5.57	3183.34	895.88	0.48
Bell-2-Gober	57899	25-EV	14844.00	338.00	344.15	342.64	344.56	0.009405	5.18	2863.51	881.86	0.47
Bell-2-Gober	57899	10-EV	7143.00	338.00	342.83	341.52	343.06	0.008900	3.82	1872.12	761.95	0.43
Bell-2-Gober	57899	5-EV	2360.00	338.00	341.23	340.13	341.37	0.008968	2.93	806.33	515.48	0.41
Bell-2-Gober	57899	2-EV	528.00	338.00	339.56	338.95	339.64	0.008289	2.32	227.10	212.15	0.40
Bell-2-Gober	57674	100-EV	20204.00	336.00	342.18	340.67	342.77	0.015458	6.14	3289.91	838.10	0.54
Bell-2-Gober	57674	50-EV	17747.00	336.00	341.81	340.42	342.36	0.015523	5.92	2996.39	784.78	0.53
Bell-2-Gober	57674	25-EV	14844.00	336.00	341.36	340.11	341.85	0.015913	5.61	2646.65	768.97	0.53
Bell-2-Gober	57674	10-EV	7143.00	336.00	339.96	339.00	340.27	0.018365	4.48	1594.57	720.95	0.53
Bell-2-Gober	57674	5-EV	2360.00	336.00	338.62	337.89	338.77	0.015425	3.10	761.71	552.65	0.47
Bell-2-Gober	57674	2-EV	528.00	336.00	337.46	336.90	337.53	0.010761	2.12	248.61	286.82	0.40
Bell-2-Gober	57525	100-EV	20204.00	333.04	340.72	338.44	341.12	0.007753	5.11	3953.93	827.20	0.41
Bell-2-Gober	57525	50-EV	17747.00	333.04	340.35	338.19	340.71	0.007750	4.87	3647.46	820.73	0.41
Bell-2-Gober	57525	25-EV	14844.00	333.04	339.87	337.89	340.19	0.007753	4.55	3260.36	809.47	0.40
Bell-2-Gober	57525	10-EV	7143.00	333.04	338.33	336.96	338.52	0.007823	3.48	2051.29	755.51	0.37
Bell-2-Gober	57525	5-EV	2360.00	333.04	336.84	336.17	336.94	0.009913	2.46	958.70	714.31	0.37
Bell-2-Gober	57525	2-EV	528.00	333.04	335.88	334.99	335.92	0.010671	1.63	324.29	453.17	0.34
Bell-2-Gober	57224	100-EV	20204.00	329.99	338.37		338.77	0.007919	5.11	3953.21	804.53	0.41
Bell-2-Gober	57224	50-EV	17747.00	329.99	338.00		338.37	0.007864	4.85	3659.54	801.41	0.40
Bell-2-Gober	57224	25-EV	14844.00	329.99	337.55		337.86	0.007743	4.50	3296.92	797.53	0.39
Bell-2-Gober	57224	10-EV	7143.00	329.99	336.11		336.28	0.007102	3.30	2164.34	778.63	0.35
Bell-2-Gober	57224	5-EV	2360.00	329.99	334.37		334.45	0.006997	2.32	1017.44	598.19	0.31
Bell-2-Gober	57224	2-EV	528.00	329.99	332.34		332.43	0.012648	2.40	219.58	216.66	0.42
Bell-2-Gober	57074	100-EV	20204.00	328.00	337.15		337.57	0.007989	5.22	3873.71	836.57	0.43
Bell-2-Gober	57074	50-EV	17747.00	328.00	336.77		337.16	0.008170	4.99	3555.81	834.71	0.43
Bell-2-Gober	57074	25-EV	14844.00	328.00	336.31		336.65	0.008310	4.68	3173.97	832.46	0.42
Bell-2-Gober	57074	10-EV	7143.00	328.00	334.92		335.11	0.008487	3.54	2019.42	818.12	0.40
Bell-2-Gober	57074	5-EV	2360.00	328.00	333.30		333.40	0.006964	2.54	927.51	526.04	0.34
Bell-2-Gober	57074	2-EV	528.00	328.00	330.66		330.82	0.009084	3.18	166.22	106.15	0.45
Bell-2-Gober	56849	100-EV	20204.00	326.00	335.35		335.75	0.008219	5.04	4008.80	800.50	0.40
Bell-2-Gober	56849	50-EV	17747.00	326.00	334.88		335.25	0.008772	4.88	3633.48	798.81	0.40
Bell-2-Gober	56849	25-EV	14844.00	326.00	334.36		334.69	0.009200	4.62	3214.24	796.89	0.41
Bell-2-Gober	56849	10-EV	7143.00	326.00	332.83		333.02	0.010277	3.58	1997.84	791.02	0.40
Bell-2-Gober	56849	5-EV	2360.00	326.00	331.01		331.16	0.015385	3.12	755.55	515.12	0.45
Bell-2-Gober	56849	2-EV	528.00	326.00	329.16		329.25	0.005429	2.40	219.85	145.32	0.34
Bell-2-Gober	56624	100-EV	20204.00	324.95	333.82		334.18	0.005904	4.80	4204.94	735.76	0.35
Bell-2-Gober	56624	50-EV	17747.00	324.95	333.19		333.54	0.006700	4.75	3738.10	732.40	0.37
Bell-2-Gober	56624	25-EV	14844.00	324.95	332.49		332.82	0.007555	4.60	3229.73	726.95	0.38
Bell-2-Gober	56624	10-EV	7143.00	324.95	330.79		330.99	0.008015	3.54	2016.14	699.82	0.37
Bell-2-Gober	56624	5-EV	2360.00	324.95	328.84		328.95	0.006728	2.67	884.43	457.17	0.34
Bell-2-Gober	56624	2-EV	528.00	324.95	326.84		326.99	0.024482	3.13	168.55	225.11	0.64
Bell-2-Gober	56474	100-EV	20204.00	322.63	332.97		333.31	0.005625	4.68	4316.89	686.22	0.33
Bell-2-Gober	56474	50-EV	17747.00	322.63	332.18		332.53	0.006736	4.70	3776.52	683.17	0.35
Bell-2-Gober	56474	25-EV	14844.00	322.63	331.27		331.62	0.008491	4.70	3156.42	679.05	0.38
Bell-2-Gober	56474	10-EV	7143.00	322.63	329.18		329.44	0.013758	4.09	1747.03	667.78	0.45
Bell-2-Gober	56474	5-EV	2360.00	322.63	327.38		327.56	0.013687	3.41	691.89	369.19	0.44
Bell-2-Gober	56474	2-EV	528.00	322.63	325.24		325.32	0.006272	2.27	232.60	158.48	0.33
Bell-2-Gober	56323	100-EV	20204.00	322.00	332.43		332.69	0.002933	4.09	4945.82	647.60	0.26

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	56323	50-EV	17747.00	322.00	331.54		331.80	0.003369	4.06	4374.06	642.96	0.27
Bell-2-Gober	56323	25-EV	14844.00	322.00	330.48		330.73	0.004092	4.02	3689.82	637.05	0.29
Bell-2-Gober	56323	10-EV	7143.00	322.00	327.72		327.93	0.007483	3.65	1958.76	620.29	0.36
Bell-2-Gober	56323	5-EV	2360.00	322.00	325.83		325.95	0.008339	2.80	843.22	447.77	0.36
Bell-2-Gober	56323	2-EV	528.00	322.00	323.63		323.81	0.017969	3.40	155.22	149.37	0.59
Bell-2-Gober	56175	100-EV	20204.00	320.00	332.14		332.32	0.001866	3.43	5892.69	702.32	0.21
Bell-2-Gober	56175	50-EV	17747.00	320.00	331.21		331.39	0.002105	3.39	5240.39	696.60	0.22
Bell-2-Gober	56175	25-EV	14844.00	320.00	330.06		330.23	0.002514	3.34	4444.58	689.56	0.23
Bell-2-Gober	56175	10-EV	7143.00	320.00	326.82		326.98	0.005352	3.17	2250.94	665.13	0.30
Bell-2-Gober	56175	5-EV	2360.00	320.00	324.76		324.85	0.006540	2.34	1007.70	542.27	0.30
Bell-2-Gober	56175	2-EV	528.00	320.00	322.34		322.41	0.005533	2.08	253.59	193.69	0.32
Bell-2-Gober	56024	100-EV	20204.00	319.91	331.91		332.06	0.001501	3.13	6447.83	734.81	0.19
Bell-2-Gober	56024	50-EV	17747.00	319.91	330.95		331.09	0.001688	3.09	5741.63	729.79	0.19
Bell-2-Gober	56024	25-EV	14844.00	319.91	329.74		329.89	0.002024	3.05	4866.42	723.35	0.21
Bell-2-Gober	56024	10-EV	7143.00	319.91	325.90		326.07	0.006802	3.35	2135.25	685.14	0.33
Bell-2-Gober	56024	5-EV	2360.00	319.91	323.74		323.88	0.006279	2.93	804.62	336.75	0.33
Bell-2-Gober	56024	2-EV	528.00	319.91	321.48		321.56	0.005853	2.23	236.70	182.41	0.35
Bell-2-Gober	55874	100-EV	20204.00	318.00	331.73		331.86	0.001147	2.89	6979.25	705.67	0.16
Bell-2-Gober	55874	50-EV	17747.00	318.00	330.75		330.87	0.001238	2.82	6288.81	699.95	0.17
Bell-2-Gober	55874	25-EV	14844.00	318.00	329.51		329.63	0.001393	2.73	5427.94	692.75	0.17
Bell-2-Gober	55874	10-EV	7143.00	318.00	325.13		325.26	0.004284	2.91	2450.75	662.01	0.27
Bell-2-Gober	55874	5-EV	2360.00	318.00	322.71		322.81	0.007953	2.45	963.67	548.66	0.33
Bell-2-Gober	55874	2-EV	528.00	318.00	320.74		320.79	0.004382	1.78	296.65	197.81	0.26
Bell-2-Gober	55724	100-EV	20204.00	316.48	331.54		331.68	0.001213	3.06	6592.34	617.39	0.17
Bell-2-Gober	55724	50-EV	17747.00	316.48	330.54		330.68	0.001281	2.97	5982.59	612.81	0.17
Bell-2-Gober	55724	25-EV	14844.00	316.48	329.29		329.42	0.001396	2.84	5218.51	607.03	0.17
Bell-2-Gober	55724	10-EV	7143.00	316.48	324.53		324.67	0.003605	2.95	2423.26	542.84	0.25
Bell-2-Gober	55724	5-EV	2360.00	316.48	321.74		321.82	0.005551	2.33	1015.03	452.84	0.27
Bell-2-Gober	55724	2-EV	528.00	316.48	319.98		320.02	0.006044	1.68	314.12	254.97	0.27
Bell-2-Gober	55574	100-EV	20204.00	316.00	331.27		331.46	0.001724	3.55	5697.30	533.19	0.19
Bell-2-Gober	55574	50-EV	17747.00	316.00	330.27		330.45	0.001743	3.43	5173.47	517.70	0.19
Bell-2-Gober	55574	25-EV	14844.00	316.00	329.02		329.19	0.001639	3.26	4558.52	482.04	0.19
Bell-2-Gober	55574	10-EV	7143.00	316.00	324.00		324.15	0.003297	3.15	2268.51	438.35	0.24
Bell-2-Gober	55574	5-EV	2360.00	316.00	320.71		320.83	0.008174	2.73	865.71	413.13	0.33
Bell-2-Gober	55574	2-EV	528.00	316.00	318.62		318.71	0.013699	2.48	212.52	189.93	0.41
Bell-2-Gober	55424	100-EV	20204.00	314.00	331.04		331.23	0.001335	3.54	5700.05	468.82	0.18
Bell-2-Gober	55424	50-EV	17747.00	314.00	330.05		330.22	0.001331	3.39	5238.11	461.75	0.18
Bell-2-Gober	55424	25-EV	14844.00	314.00	328.81		328.96	0.001322	3.18	4671.63	452.55	0.17
Bell-2-Gober	55424	10-EV	7143.00	314.00	323.58		323.72	0.002449	2.97	2406.79	414.74	0.22
Bell-2-Gober	55424	5-EV	2360.00	314.00	319.72		319.82	0.005508	2.64	895.09	346.12	0.29
Bell-2-Gober	55424	2-EV	528.00	314.00	317.23		317.32	0.006639	2.51	209.96	123.04	0.34
Bell-2-Gober	55274	100-EV	20204.00	313.78	330.88		331.04	0.001078	3.22	6283.11	490.37	0.16
Bell-2-Gober	55274	50-EV	17747.00	313.78	329.89		330.04	0.001057	3.06	5800.47	482.74	0.16
Bell-2-Gober	55274	25-EV	14844.00	313.78	328.66		328.78	0.001020	2.85	5209.66	472.66	0.15
Bell-2-Gober	55274	10-EV	7143.00	313.78	323.32		323.42	0.001579	2.54	2813.04	426.72	0.17
Bell-2-Gober	55274	5-EV	2360.00	313.78	319.06		319.13	0.003817	2.21	1067.28	389.46	0.24
Bell-2-Gober	55274	2-EV	528.00	313.78	316.33		316.39	0.005773	2.07	254.97	156.50	0.29
Bell-2-Gober	55124	100-EV	20204.00	312.00	330.72		330.88	0.001065	3.19	6329.66	487.52	0.16
Bell-2-Gober	55124	50-EV	17747.00	312.00	329.74		329.88	0.001019	3.03	5855.75	473.70	0.15
Bell-2-Gober	55124	25-EV	14844.00	312.00	328.51		328.63	0.000961	2.81	5281.81	460.17	0.15
Bell-2-Gober	55124	10-EV	7143.00	312.00	323.10		323.19	0.001446	2.46	2898.89	421.71	0.17
Bell-2-Gober	55124	5-EV	2360.00	312.00	318.38		318.47	0.005147	2.40	984.87	388.78	0.27
Bell-2-Gober	55124	2-EV	528.00	312.00	315.34		315.48	0.006352	2.97	177.60	73.86	0.34
Bell-2-Gober	54974	100-EV	20204.00	311.44	330.56		330.72	0.001086	3.22	6278.50	504.05	0.16
Bell-2-Gober	54974	50-EV	17747.00	311.44	329.58		329.73	0.001041	3.06	5792.12	489.37	0.16
Bell-2-Gober	54974	25-EV	14844.00	311.44	328.36		328.49	0.000992	2.85	5202.95	475.97	0.15
Bell-2-Gober	54974	10-EV	7143.00	311.44	322.84		322.95	0.001752	2.65	2695.52	428.51	0.19
Bell-2-Gober	54974	5-EV	2360.00	311.44	317.17		317.37	0.011071	3.61	653.42	270.23	0.41
Bell-2-Gober	54974	2-EV	528.00	311.44	313.76		314.04	0.015938	4.22	125.00	68.81	0.55
Bell-2-Gober	54824	100-EV	20204.00	310.00	330.44		330.58	0.000794	3.02	6694.44	473.76	0.14
Bell-2-Gober	54824	50-EV	17747.00	310.00	329.46		329.59	0.000762	2.85	6235.59	468.47	0.14
Bell-2-Gober	54824	25-EV	14844.00	310.00	328.25		328.35	0.000704	2.62	5672.92	458.77	0.13
Bell-2-Gober	54824	10-EV	7143.00	310.00	322.69		322.76	0.000843	2.19	3268.00	407.59	0.14
Bell-2-Gober	54824	5-EV	2360.00	310.00	316.05		316.19	0.005674	2.91	809.85	289.46	0.31
Bell-2-Gober	54824	2-EV	528.00	310.00	312.36		312.48	0.006905	2.70	195.37	118.86	0.37
Bell-2-Gober	54674	100-EV	20204.00	308.00	330.30		330.44	0.000997	3.03	6667.48	519.24	0.15
Bell-2-Gober	54674	50-EV	17747.00	308.00	329.33		329.46	0.000971	2.88	6167.90	509.47	0.15
Bell-2-Gober	54674	25-EV	14844.00	308.00	328.12		328.23	0.000938	2.67	5557.15	501.71	0.14
Bell-2-Gober	54674	10-EV	7143.00	308.00	322.55		322.63	0.000914	2.28	3139.60	371.75	0.14
Bell-2-Gober	54674	5-EV	2360.00	308.00	315.34		315.46	0.004146	2.78	850.09	255.70	0.27

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	54674	2-EV	528.00	308.00	310.61		310.93	0.016713	4.52	116.86	62.45	0.58
Bell-2-Gober	54524	100-EV	20204.00	306.04	330.09		330.27	0.001385	3.37	6003.29	525.15	0.18
Bell-2-Gober	54524	50-EV	17747.00	306.04	329.12		329.28	0.001396	3.23	5499.41	514.67	0.17
Bell-2-Gober	54524	25-EV	14844.00	306.04	327.94		328.08	0.001097	3.03	4898.53	427.41	0.16
Bell-2-Gober	54524	10-EV	7143.00	306.04	322.41		322.50	0.000797	2.42	2948.92	313.44	0.14
Bell-2-Gober	54524	5-EV	2360.00	306.04	314.94		315.02	0.002072	2.40	983.76	231.18	0.21
Bell-2-Gober	54524	2-EV	528.00	306.04	310.03		310.10	0.002366	2.09	252.55	105.00	0.24
Bell-2-Gober	54374	100-EV	20204.00	306.00	329.92		330.07	0.001122	3.19	6340.85	519.69	0.16
Bell-2-Gober	54374	50-EV	17747.00	306.00	328.95		329.09	0.001121	3.04	5839.97	512.96	0.16
Bell-2-Gober	54374	25-EV	14844.00	306.00	327.78		327.91	0.001098	2.83	5248.15	505.41	0.15
Bell-2-Gober	54374	10-EV	7143.00	306.00	322.23		322.34	0.001582	2.66	2688.62	400.78	0.18
Bell-2-Gober	54374	5-EV	2360.00	306.00	314.71		314.80	0.001156	2.34	1008.79	168.86	0.17
Bell-2-Gober	54374	2-EV	528.00	306.00	309.77		309.83	0.001446	1.89	279.12	90.26	0.19
Bell-2-Gober	54223	100-EV	20204.00	304.00	329.63	318.45	329.84	0.002152	3.70	5466.40	545.36	0.20
Bell-2-Gober	54223	50-EV	17747.00	304.00	328.66	317.46	328.86	0.002159	3.58	4960.94	507.59	0.20
Bell-2-Gober	54223	25-EV	14844.00	304.00	327.50	316.31	327.68	0.002141	3.38	4391.46	482.78	0.20
Bell-2-Gober	54223	10-EV	7143.00	304.00	321.71	312.65	321.93	0.005146	3.73	1914.31	345.77	0.28
Bell-2-Gober	54223	5-EV	2360.00	304.00	314.40	309.36	314.57	0.001837	3.33	708.79	103.58	0.22
Bell-2-Gober	54223	2-EV	528.00	304.00	309.50	306.45	309.57	0.001979	2.09	252.54	82.02	0.21
Bell-2-Gober	54074	100-EV	20204.00	304.00	329.13	323.70	329.48	0.002568	4.72	4278.15	504.98	0.28
Bell-2-Gober	54074	50-EV	17747.00	304.00	328.14	323.31	328.48	0.002746	4.68	3792.24	491.99	0.30
Bell-2-Gober	54074	25-EV	14844.00	304.00	326.96	322.80	327.29	0.002937	4.61	3222.50	478.52	0.31
Bell-2-Gober	54074	10-EV	7143.00	304.00	318.53	316.29	320.60	0.012532	11.53	619.46	71.78	0.69
Bell-2-Gober	54074	5-EV	2360.00	304.00	312.46	311.19	313.82	0.017341	9.37	251.81	47.78	0.72
Bell-2-Gober	54074	2-EV	528.00	304.00	308.34	307.42	308.88	0.015300	5.92	89.12	31.27	0.62
Bell-2-Gober	53849	100-EV	20204.00	302.00	328.35	322.80	328.76	0.003938	5.15	3923.26	485.40	0.31
Bell-2-Gober	53849	50-EV	17747.00	302.00	327.27	318.88	327.68	0.004652	5.16	3439.60	476.41	0.33
Bell-2-Gober	53849	25-EV	14844.00	302.00	325.95	317.36	326.37	0.005953	5.20	2857.14	466.17	0.36
Bell-2-Gober	53849	10-EV	7143.00	302.00	316.98	312.43	318.31	0.007075	9.24	772.71	74.01	0.50
Bell-2-Gober	53849	5-EV	2360.00	302.00	310.24	307.78	311.02	0.008443	7.10	332.47	56.51	0.52
Bell-2-Gober	53849	2-EV	528.00	302.00	305.62	304.52	305.99	0.010664	4.89	108.03	39.48	0.52
Bell-2-Gober	53698	100-EV	20204.00	300.00	327.54	319.41	328.08	0.004650	5.89	3432.33	496.42	0.35
Bell-2-Gober	53698	50-EV	17747.00	300.00	326.28	318.08	326.85	0.005881	6.05	2931.85	480.21	0.39
Bell-2-Gober	53698	25-EV	14844.00	300.00	324.53	316.51	325.20	0.009084	6.56	2264.51	451.02	0.47
Bell-2-Gober	53698	10-EV	7143.00	300.00	315.69	311.12	317.11	0.008507	9.56	747.24	73.80	0.53
Bell-2-Gober	53698	5-EV	2360.00	300.00	309.03	306.20	309.80	0.007705	7.02	336.08	52.46	0.49
Bell-2-Gober	53698	2-EV	528.00	300.00	304.33	302.82	304.63	0.007285	4.39	120.35	38.42	0.44
Bell-2-Gober	53549	100-EV	20204.00	297.06	319.14	319.14	324.97	0.037870	19.37	1043.24	89.30	1.00
Bell-2-Gober	53549	50-EV	17747.00	297.06	317.45	317.45	323.42	0.038227	19.59	905.93	75.92	1.00
Bell-2-Gober	53549	25-EV	14844.00	297.06	315.96	315.80	321.36	0.036625	18.65	795.90	70.97	0.98
Bell-2-Gober	53549	10-EV	7143.00	297.06	311.06	310.22	314.41	0.028467	14.68	486.65	56.26	0.88
Bell-2-Gober	53549	5-EV	2360.00	297.06	305.03	304.86	307.28	0.031754	12.03	196.11	39.61	0.95
Bell-2-Gober	53549	2-EV	528.00	297.06	301.07	301.07	302.20	0.043100	8.52	62.00	27.70	1.00
Bell-2-Gober	53399	100-EV	20204.00	296.00	316.23	313.07	319.99	0.016116	15.55	1299.10	96.47	0.75
Bell-2-Gober	53399	50-EV	17747.00	296.00	315.46	311.75	318.72	0.014124	14.48	1225.80	93.10	0.70
Bell-2-Gober	53399	25-EV	14844.00	296.00	314.47	310.14	317.13	0.011636	13.06	1136.34	88.82	0.64
Bell-2-Gober	53399	10-EV	7143.00	296.00	310.43	305.27	311.64	0.006028	8.79	812.31	72.90	0.46
Bell-2-Gober	53399	5-EV	2360.00	296.00	304.44	300.91	304.95	0.004666	5.73	411.59	60.73	0.39
Bell-2-Gober	53399	2-EV	528.00	296.00	299.66	298.14	299.87	0.005592	3.65	144.64	50.94	0.38
Bell-2-Gober	53249	100-EV	20204.00	294.00	313.44	312.74	316.70	0.026103	14.48	1395.33	169.52	0.89
Bell-2-Gober	53249	50-EV	17747.00	294.00	312.87	312.06	315.77	0.024986	13.67	1298.69	166.81	0.86
Bell-2-Gober	53249	25-EV	14844.00	294.00	312.26	311.12	314.64	0.022055	12.38	1198.63	162.84	0.80
Bell-2-Gober	53249	10-EV	7143.00	294.00	307.65		309.95	0.014795	12.18	586.55	64.39	0.71
Bell-2-Gober	53249	5-EV	2360.00	294.00	303.11	300.37	303.93	0.008361	7.29	323.83	51.22	0.51
Bell-2-Gober	53249	2-EV	528.00	294.00	298.78	296.80	299.03	0.005382	4.03	131.06	37.38	0.38
Bell-2-Gober	53099	100-EV	20204.00	294.00	308.87	308.87	311.86	0.038462	13.87	1456.32	244.22	1.00
Bell-2-Gober	53099	50-EV	17747.00	294.00	308.27	308.27	311.11	0.039092	13.50	1314.12	232.68	1.00
Bell-2-Gober	53099	25-EV	14844.00	294.00	307.44	307.44	310.14	0.041266	13.17	1127.11	216.43	1.02
Bell-2-Gober	53099	10-EV	7143.00	294.00	304.12	304.12	306.51	0.039828	12.38	577.03	121.80	1.00
Bell-2-Gober	53099	5-EV	2360.00	294.00	299.17	299.17	301.28	0.035436	11.65	202.66	48.61	1.01
Bell-2-Gober	53099	2-EV	528.00	294.00	296.16	296.16	297.05	0.045486	7.58	69.69	39.68	1.01
Bell-2-Gober	52949	100-EV	20204.00	286.00	298.11	294.66	299.40	0.013575	9.10	2220.60	248.59	0.54
Bell-2-Gober	52949	50-EV	17747.00	286.00	297.52	294.06	298.66	0.012794	8.55	2075.25	243.98	0.52
Bell-2-Gober	52949	25-EV	14844.00	286.00	296.77	293.34	297.72	0.011742	7.84	1893.84	238.09	0.49
Bell-2-Gober	52949	10-EV	7143.00	286.00	294.25	290.64	294.71	0.008054	5.42	1318.91	218.10	0.39
Bell-2-Gober	52949	5-EV	2360.00	286.00	291.50	288.35	291.64	0.003937	3.06	772.11	164.80	0.25
Bell-2-Gober	52949	2-EV	528.00	286.00	289.12	286.93	289.15	0.001539	1.33	398.47	147.87	0.14
Bell-2-Gober	52799	100-EV	20204.00	286.00	297.17		297.71	0.006142	5.93	3408.27	399.81	0.36
Bell-2-Gober	52799	50-EV	17747.00	286.00	296.60		297.08	0.005853	5.57	3183.60	394.25	0.35

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	52799	25-EV	14844.00	286.00	295.89		296.30	0.005428	5.11	2906.59	387.01	0.33
Bell-2-Gober	52799	10-EV	7143.00	286.00	293.60		293.78	0.003698	3.48	2050.30	357.91	0.26
Bell-2-Gober	52799	5-EV	2360.00	286.00	291.15		291.21	0.001854	1.91	1234.34	304.51	0.17
Bell-2-Gober	52799	2-EV	528.00	286.00	288.97		288.98	0.000778	0.86	611.37	259.21	0.10
Bell-2-Gober	52649	100-EV	20204.00	286.00	296.45		296.84	0.004613	5.02	4023.94	546.36	0.33
Bell-2-Gober	52649	50-EV	17747.00	286.00	295.90		296.25	0.004523	4.76	3724.48	538.34	0.32
Bell-2-Gober	52649	25-EV	14844.00	286.00	295.21		295.52	0.004362	4.42	3360.58	528.74	0.31
Bell-2-Gober	52649	10-EV	7143.00	286.00	293.07		293.22	0.003559	3.16	2257.25	497.39	0.26
Bell-2-Gober	52649	5-EV	2360.00	286.00	290.84		290.89	0.002376	1.90	1242.94	414.68	0.19
Bell-2-Gober	52649	2-EV	528.00	286.00	288.83		288.84	0.001059	0.93	565.12	268.39	0.11
Bell-2-Gober	52424	100-EV	20204.00	286.00	295.66		295.92	0.003207	4.06	4978.23	714.61	0.27
Bell-2-Gober	52424	50-EV	17747.00	286.00	295.10		295.33	0.003257	3.88	4579.01	711.55	0.27
Bell-2-Gober	52424	25-EV	14844.00	286.00	294.42		294.62	0.003284	3.62	4095.38	706.64	0.27
Bell-2-Gober	52424	10-EV	7143.00	286.00	292.33		292.44	0.003235	2.71	2634.07	688.51	0.24
Bell-2-Gober	52424	5-EV	2360.00	286.00	290.17		290.23	0.003808	1.96	1201.96	570.36	0.24
Bell-2-Gober	52424	2-EV	528.00	286.00	288.45		288.47	0.002829	1.21	434.94	351.53	0.19
Bell-2-Gober	52274	100-EV	20204.00	286.00	295.17		295.44	0.003158	4.18	4832.66	684.38	0.28
Bell-2-Gober	52274	50-EV	17747.00	286.00	294.60		294.85	0.003183	3.99	4448.71	678.36	0.27
Bell-2-Gober	52274	25-EV	14844.00	286.00	293.92		294.14	0.003166	3.72	3990.32	671.12	0.27
Bell-2-Gober	52274	10-EV	7143.00	286.00	291.86		291.98	0.002885	2.72	2626.22	655.33	0.24
Bell-2-Gober	52274	5-EV	2360.00	286.00	289.58		289.65	0.003903	2.02	1171.20	570.68	0.25
Bell-2-Gober	52274	2-EV	528.00	286.00	287.78		287.83	0.007347	1.79	295.40	242.08	0.29
Bell-2-Gober	52124	100-EV	20205.00	284.17	294.68		294.95	0.003352	4.13	4897.16	696.00	0.27
Bell-2-Gober	52124	50-EV	17748.00	284.17	294.11		294.35	0.003393	3.94	4502.51	689.73	0.27
Bell-2-Gober	52124	25-EV	14845.00	284.17	293.44		293.65	0.003371	3.68	4038.41	681.06	0.27
Bell-2-Gober	52124	10-EV	7144.00	284.17	291.45		291.56	0.002677	2.61	2735.70	636.24	0.22
Bell-2-Gober	52124	5-EV	2360.00	284.17	289.01		289.07	0.003810	1.95	1212.50	577.81	0.24
Bell-2-Gober	52124	2-EV	528.00	284.17	286.99		287.02	0.004122	1.50	352.78	301.67	0.24
Bell-2-Gober	51974	100-EV	20205.00	284.00	293.80		294.22	0.007331	5.18	3900.90	654.46	0.37
Bell-2-Gober	51974	50-EV	17748.00	284.00	293.19		293.59	0.008020	5.06	3505.69	650.15	0.38
Bell-2-Gober	51974	25-EV	14845.00	284.00	292.49		292.86	0.008830	4.87	3050.34	643.36	0.39
Bell-2-Gober	51974	10-EV	7144.00	284.00	290.61		290.84	0.010280	3.84	1860.22	626.38	0.39
Bell-2-Gober	51974	5-EV	2360.00	284.00	288.00		288.18	0.009950	3.43	687.66	247.59	0.36
Bell-2-Gober	51974	2-EV	528.00	284.00	285.99		286.07	0.011193	2.18	242.22	188.71	0.34
Bell-2-Gober	51824	100-EV	20205.00	282.81	292.85		293.25	0.005649	5.05	3998.48	596.05	0.34
Bell-2-Gober	51824	50-EV	17748.00	282.81	292.15		292.53	0.006243	4.96	3579.84	592.69	0.36
Bell-2-Gober	51824	25-EV	14845.00	282.81	291.31		291.67	0.007073	4.81	3087.80	588.82	0.37
Bell-2-Gober	51824	10-EV	7144.00	282.81	289.15		289.39	0.009235	3.92	1821.99	578.66	0.39
Bell-2-Gober	51824	5-EV	2360.00	282.81	286.70		286.86	0.007763	3.22	731.98	263.58	0.34
Bell-2-Gober	51824	2-EV	528.00	282.81	284.92		284.96	0.005174	1.69	312.25	220.04	0.25
Bell-2-Gober	51674	100-EV	20205.00	281.57	292.22		292.53	0.003871	4.47	4519.37	611.85	0.29
Bell-2-Gober	51674	50-EV	17748.00	281.57	291.43		291.73	0.004305	4.39	4041.47	608.93	0.30
Bell-2-Gober	51674	25-EV	14845.00	281.57	290.48		290.77	0.004999	4.29	3462.61	605.38	0.32
Bell-2-Gober	51674	10-EV	7144.00	281.57	287.69		287.94	0.010047	3.98	1793.08	590.99	0.40
Bell-2-Gober	51674	5-EV	2360.00	281.57	285.20		285.41	0.012353	3.68	642.04	274.78	0.42
Bell-2-Gober	51674	2-EV	528.00	281.57	283.23		283.38	0.031283	3.06	172.71	197.59	0.58
Bell-2-Gober	51523	100-EV	20205.00	280.00	291.84		292.07	0.002191	3.84	5268.21	612.57	0.23
Bell-2-Gober	51523	50-EV	17748.00	280.00	291.03		291.24	0.002317	3.72	4770.45	607.66	0.23
Bell-2-Gober	51523	25-EV	14845.00	280.00	290.03		290.23	0.002482	3.56	4165.24	601.63	0.24
Bell-2-Gober	51523	10-EV	7144.00	280.00	286.96		287.10	0.003349	3.04	2349.02	580.09	0.27
Bell-2-Gober	51523	5-EV	2360.00	280.00	284.28		284.38	0.004103	2.58	914.14	369.07	0.29
Bell-2-Gober	51523	2-EV	528.00	280.00	282.18		282.23	0.003250	1.68	314.67	219.30	0.25
Bell-2-Gober	51374	100-EV	20205.00	280.00	291.56		291.77	0.001837	3.73	5422.79	589.12	0.22
Bell-2-Gober	51374	50-EV	17748.00	280.00	290.73		290.93	0.001923	3.60	4936.39	582.17	0.22
Bell-2-Gober	51374	25-EV	14845.00	280.00	289.71		289.89	0.002034	3.41	4347.35	573.07	0.22
Bell-2-Gober	51374	10-EV	7144.00	280.00	286.53		286.65	0.002640	2.80	2549.60	559.37	0.23
Bell-2-Gober	51374	5-EV	2360.00	280.00	283.75		283.82	0.003271	2.13	1107.47	428.53	0.23
Bell-2-Gober	51374	2-EV	528.00	280.00	281.78		281.81	0.002413	1.24	424.42	279.38	0.18
Bell-2-Gober	51224	100-EV	20205.00	278.43	291.28		291.49	0.001869	3.74	5403.16	582.05	0.22
Bell-2-Gober	51224	50-EV	17748.00	278.43	290.43		290.64	0.001926	3.61	4920.19	565.29	0.22
Bell-2-Gober	51224	25-EV	14845.00	278.43	289.40		289.58	0.001994	3.42	4345.45	551.93	0.21
Bell-2-Gober	51224	10-EV	7144.00	278.43	286.15		286.27	0.002398	2.76	2588.54	531.92	0.22
Bell-2-Gober	51224	5-EV	2360.00	278.43	283.25		283.32	0.003483	2.12	1115.00	482.22	0.25
Bell-2-Gober	51224	2-EV	528.00	278.43	281.10		281.16	0.009892	1.90	277.56	281.90	0.34
Bell-2-Gober	51074	100-EV	20205.00	277.24	290.95		291.18	0.002307	3.86	5239.96	558.85	0.22
Bell-2-Gober	51074	50-EV	17748.00	277.24	290.12		290.33	0.002154	3.70	4801.27	507.67	0.21
Bell-2-Gober	51074	25-EV	14845.00	277.24	289.08		289.27	0.002152	3.47	4283.90	496.96	0.21
Bell-2-Gober	51074	10-EV	7144.00	277.24	285.81		285.92	0.002207	2.65	2695.99	474.07	0.20
Bell-2-Gober	51074	5-EV	2360.00	277.24	282.87		282.91	0.002030	1.73	1365.32	425.98	0.17
Bell-2-Gober	51074	2-EV	528.00	277.24	280.39		280.41	0.002856	1.20	441.30	306.08	0.18

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	50923	100-EV	20205.00	276.00	290.48	283.78	290.79	0.002879	4.45	4545.35	669.98	0.26
Bell-2-Gober	50923	50-EV	17748.00	276.00	289.67	283.41	289.95	0.002846	4.27	4153.99	635.55	0.25
Bell-2-Gober	50923	25-EV	14845.00	276.00	288.65	282.94	288.90	0.002790	4.03	3683.69	597.09	0.25
Bell-2-Gober	50923	10-EV	7144.00	276.00	285.41	281.25	285.56	0.002592	3.07	2327.20	422.79	0.22
Bell-2-Gober	50923	5-EV	2360.00	276.00	282.53	279.55	282.59	0.002263	1.93	1219.78	374.58	0.19
Bell-2-Gober	50923	2-EV	528.00	276.00	280.06	277.98	280.08	0.001729	1.17	450.85	248.86	0.15
Bell-2-Gober	50774	100-EV	20205.00	275.93	289.59		290.21	0.004754	6.30	3209.60	369.14	0.38
Bell-2-Gober	50774	50-EV	17748.00	275.93	288.81		289.38	0.004787	6.07	2923.83	357.48	0.37
Bell-2-Gober	50774	25-EV	14845.00	275.93	287.82		288.33	0.004832	5.76	2576.87	343.76	0.37
Bell-2-Gober	50774	10-EV	7144.00	275.93	284.72		285.03	0.004725	4.50	1586.18	301.73	0.35
Bell-2-Gober	50774	5-EV	2360.00	275.93	281.99		282.12	0.004480	2.95	800.31	274.29	0.30
Bell-2-Gober	50774	2-EV	528.00	275.93	279.58		279.66	0.005302	2.25	234.61	151.84	0.32
Bell-2-Gober	50624	100-EV	20205.00	275.53	288.97		289.53	0.004146	6.01	3362.87	378.28	0.36
Bell-2-Gober	50624	50-EV	17748.00	275.53	288.17		288.69	0.004260	5.80	3062.61	371.24	0.36
Bell-2-Gober	50624	25-EV	14845.00	275.53	287.15		287.63	0.004454	5.52	2690.22	363.02	0.36
Bell-2-Gober	50624	10-EV	7144.00	275.53	283.94		284.26	0.005581	4.55	1568.51	334.84	0.37
Bell-2-Gober	50624	5-EV	2360.00	275.53	281.10		281.29	0.006995	3.49	676.92	261.63	0.38
Bell-2-Gober	50624	2-EV	528.00	275.53	278.68		278.81	0.005979	2.88	183.11	98.17	0.37
Bell-2-Gober	50399	100-EV	20205.00	273.89	288.46		288.78	0.002298	4.53	4457.14	441.72	0.25
Bell-2-Gober	50399	50-EV	17748.00	273.89	287.64		287.93	0.002310	4.33	4097.71	436.00	0.25
Bell-2-Gober	50399	25-EV	14845.00	273.89	286.60		286.85	0.002333	4.07	3647.61	428.08	0.25
Bell-2-Gober	50399	10-EV	7144.00	273.89	283.26		283.42	0.002450	3.16	2263.20	399.81	0.23
Bell-2-Gober	50399	5-EV	2360.00	273.89	280.39		280.45	0.002149	2.05	1149.35	377.77	0.21
Bell-2-Gober	50399	2-EV	528.00	273.89	278.25		278.28	0.001158	1.19	445.02	222.59	0.15
Bell-2-Gober	50174	100-EV	20205.00	276.00	287.71		288.16	0.003192	5.39	3745.33	401.87	0.31
Bell-2-Gober	50174	50-EV	17748.00	276.00	286.89		287.30	0.003246	5.19	3419.36	394.09	0.31
Bell-2-Gober	50174	25-EV	14845.00	276.00	285.84		286.22	0.003315	4.93	3013.75	383.08	0.31
Bell-2-Gober	50174	10-EV	7144.00	276.00	282.46		282.72	0.003922	4.02	1775.01	350.89	0.32
Bell-2-Gober	50174	5-EV	2360.00	276.00	279.63		279.75	0.004760	2.86	826.14	317.72	0.31
Bell-2-Gober	50174	2-EV	528.00	276.00	277.76		277.81	0.004589	1.83	288.07	216.46	0.28
Bell-2-Gober	50025	100-EV	20205.00	273.43	287.29		287.70	0.002794	5.18	3902.82	425.59	0.30
Bell-2-Gober	50025	50-EV	17748.00	273.43	286.45		286.84	0.002904	5.00	3549.06	420.92	0.30
Bell-2-Gober	50025	25-EV	14845.00	273.43	285.38		285.74	0.003081	4.78	3103.71	413.11	0.31
Bell-2-Gober	50025	10-EV	7144.00	273.43	281.85		282.11	0.004128	4.15	1720.80	361.53	0.34
Bell-2-Gober	50025	5-EV	2360.00	273.43	278.79		278.96	0.005975	3.29	717.07	299.55	0.38
Bell-2-Gober	50025	2-EV	528.00	273.43	276.81		276.91	0.008278	2.50	211.44	179.93	0.41
Bell-2-Gober	49874	100-EV	20205.00	271.46	286.97		287.32	0.002046	4.77	4238.67	405.13	0.26
Bell-2-Gober	49874	50-EV	17748.00	271.46	286.13		286.45	0.002054	4.55	3899.79	401.04	0.26
Bell-2-Gober	49874	25-EV	14845.00	271.46	285.05		285.34	0.002073	4.28	3471.25	395.07	0.25
Bell-2-Gober	49874	10-EV	7144.00	271.46	281.44		281.62	0.002424	3.43	2081.69	371.83	0.26
Bell-2-Gober	49874	5-EV	2360.00	271.46	278.16		278.26	0.003466	2.58	913.83	332.55	0.27
Bell-2-Gober	49874	2-EV	528.00	271.46	275.89		275.95	0.004948	1.99	265.48	192.19	0.30
Bell-2-Gober	49724	100-EV	20205.00	271.01	286.57		286.97	0.002632	5.13	3941.46	394.62	0.29
Bell-2-Gober	49724	50-EV	17748.00	271.01	285.72		286.10	0.002667	4.91	3611.36	390.13	0.28
Bell-2-Gober	49724	25-EV	14845.00	271.01	284.64		284.98	0.002749	4.65	3192.43	384.60	0.28
Bell-2-Gober	49724	10-EV	7144.00	271.01	280.99		281.22	0.002946	3.85	1856.69	318.64	0.28
Bell-2-Gober	49724	5-EV	2360.00	271.01	277.46		277.61	0.005583	3.09	763.39	300.26	0.34
Bell-2-Gober	49724	2-EV	528.00	271.01	274.88		275.00	0.008376	2.77	190.79	126.85	0.40
Bell-2-Gober	49574	100-EV	20205.00	271.00	285.68		286.45	0.004098	7.04	2871.58	278.38	0.39
Bell-2-Gober	49574	50-EV	17748.00	271.00	284.89		285.58	0.003977	6.69	2652.93	272.64	0.38
Bell-2-Gober	49574	25-EV	14845.00	271.00	283.87		284.48	0.003690	6.23	2381.50	259.43	0.36
Bell-2-Gober	49574	10-EV	7144.00	271.00	280.44		280.76	0.002939	4.60	1554.11	228.04	0.31
Bell-2-Gober	49574	5-EV	2360.00	271.00	276.93		277.07	0.002515	2.98	791.29	205.37	0.27
Bell-2-Gober	49574	2-EV	528.00	271.00	274.04		274.11	0.004272	2.14	246.60	161.93	0.31
Bell-2-Gober	49425	100-EV	20205.00	270.15	284.73	279.52	285.69	0.006138	7.88	2565.43	241.34	0.43
Bell-2-Gober	49425	50-EV	17748.00	270.15	284.00	278.94	284.86	0.005817	7.42	2391.61	236.97	0.41
Bell-2-Gober	49425	25-EV	14845.00	270.15	283.08	278.21	283.81	0.005364	6.82	2177.03	231.30	0.39
Bell-2-Gober	49425	10-EV	7144.00	270.15	279.88	275.88	280.25	0.004075	4.87	1465.68	212.64	0.33
Bell-2-Gober	49425	5-EV	2360.00	270.15	276.52	273.58	276.66	0.003012	3.01	783.46	191.26	0.26
Bell-2-Gober	49425	2-EV	528.00	270.15	273.59	271.78	273.64	0.002372	1.82	289.56	139.06	0.22
Bell-2-Gober	49199	100-EV	20205.00	270.00	284.24		284.67	0.002594	5.26	3842.11	457.30	0.32
Bell-2-Gober	49199	50-EV	17748.00	270.00	283.47		283.87	0.002628	5.08	3495.71	442.72	0.32
Bell-2-Gober	49199	25-EV	14845.00	270.00	282.52		282.87	0.002633	4.78	3104.55	391.28	0.30
Bell-2-Gober	49199	10-EV	7144.00	270.00	279.18		279.41	0.003057	3.90	1833.08	370.02	0.31
Bell-2-Gober	49199	5-EV	2360.00	270.00	275.81		275.96	0.003162	3.10	760.45	218.06	0.29
Bell-2-Gober	49199	2-EV	528.00	270.00	272.98		273.05	0.002927	2.08	253.58	131.02	0.26
Bell-2-Gober	49049	100-EV	20205.00	270.00	284.01		284.29	0.001990	4.25	4758.84	503.28	0.24
Bell-2-Gober	49049	50-EV	17748.00	270.00	283.25		283.51	0.001779	4.04	4394.52	460.72	0.23
Bell-2-Gober	49049	25-EV	14845.00	270.00	282.30		282.52	0.001699	3.75	3962.46	449.25	0.22

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	49049	10-EV	7144.00	270.00	278.91		279.04	0.001748	2.88	2478.86	427.16	0.21
Bell-2-Gober	49049	5-EV	2360.00	270.00	275.35		275.43	0.003664	2.37	995.72	402.17	0.27
Bell-2-Gober	49049	2-EV	528.00	270.00	272.32		272.43	0.006211	2.61	202.31	118.42	0.35
Bell-2-Gober	48824	100-EV	20205.00	269.00	283.57		283.81	0.002118	3.98	5071.53	481.55	0.22
Bell-2-Gober	48824	50-EV	17748.00	269.00	282.85		283.07	0.002043	3.75	4726.79	476.55	0.21
Bell-2-Gober	48824	25-EV	14845.00	269.00	281.91		282.10	0.001957	3.46	4284.58	470.96	0.20
Bell-2-Gober	48824	10-EV	7144.00	269.00	278.51		278.62	0.001944	2.63	2717.02	444.67	0.19
Bell-2-Gober	48824	5-EV	2360.00	269.00	274.51		274.59	0.003759	2.17	1088.93	379.14	0.23
Bell-2-Gober	48824	2-EV	528.00	269.00	271.24		271.33	0.003880	2.38	221.61	111.66	0.30
Bell-2-Gober	48524	100-EV	20205.00	267.01	282.62		283.02	0.003255	5.10	3961.71	392.77	0.28
Bell-2-Gober	48524	50-EV	17748.00	267.01	281.95		282.31	0.003089	4.79	3702.48	386.68	0.27
Bell-2-Gober	48524	25-EV	14845.00	267.01	281.09		281.39	0.002841	4.40	3373.63	374.69	0.26
Bell-2-Gober	48524	10-EV	7144.00	267.01	277.78		277.95	0.002575	3.27	2186.98	350.37	0.23
Bell-2-Gober	48524	5-EV	2360.00	267.01	273.49		273.61	0.002829	2.76	855.26	202.10	0.24
Bell-2-Gober	48524	2-EV	528.00	267.01	270.46		270.50	0.002040	1.64	321.86	146.09	0.19
Bell-2-Gober	48374	100-EV	20205.00	267.00	281.72	276.12	282.35	0.006010	6.38	3169.40	387.08	0.39
Bell-2-Gober	48374	50-EV	17748.00	267.00	281.09	275.54	281.66	0.005897	6.06	2929.82	379.22	0.38
Bell-2-Gober	48374	25-EV	14845.00	267.00	280.28	274.82	280.78	0.005759	5.65	2627.65	368.72	0.37
Bell-2-Gober	48374	10-EV	7144.00	267.00	277.20	272.31	277.49	0.003499	4.31	1656.82	229.69	0.28
Bell-2-Gober	48374	5-EV	2360.00	267.00	272.98	270.08	273.13	0.003572	3.10	760.16	176.44	0.26
Bell-2-Gober	48374	2-EV	528.00	267.00	270.07	268.46	270.12	0.003085	1.84	286.86	138.15	0.23
Bell-2-Gober	48224	100-EV	20205.00	266.00	280.11	276.96	281.05	0.012534	7.80	2590.20	365.90	0.52
Bell-2-Gober	48224	50-EV	17748.00	266.00	279.53	276.44	280.39	0.012381	7.46	2380.20	354.84	0.51
Bell-2-Gober	48224	25-EV	14845.00	266.00	278.78	275.68	279.54	0.012105	7.00	2120.12	339.14	0.49
Bell-2-Gober	48224	10-EV	7144.00	266.00	276.17	271.97	276.62	0.010596	5.40	1322.95	271.86	0.43
Bell-2-Gober	48224	5-EV	2360.00	266.00	272.38	269.30	272.58	0.003579	3.66	644.58	133.22	0.29
Bell-2-Gober	48224	2-EV	528.00	266.00	269.77	267.61	269.82	0.001422	1.64	322.48	115.46	0.17
Bell-2-Gober	47999	100-EV	20205.00	266.00	278.62	275.14	279.20	0.005235	6.09	3317.62	486.35	0.41
Bell-2-Gober	47999	50-EV	17748.00	266.00	278.05	274.72	278.58	0.005109	5.83	3042.00	476.24	0.41
Bell-2-Gober	47999	25-EV	14845.00	266.00	277.33	274.19	277.80	0.004920	5.50	2700.13	464.92	0.40
Bell-2-Gober	47999	10-EV	7144.00	266.00	274.88	271.70	275.18	0.004044	4.40	1624.08	396.88	0.38
Bell-2-Gober	47999	5-EV	2360.00	266.00	271.43	269.70	271.65	0.004845	3.74	630.59	196.64	0.37
Bell-2-Gober	47999	2-EV	528.00	266.00	269.21	267.84	269.30	0.004228	2.31	228.44	166.02	0.35
Bell-2-Gober	47774	100-EV	20205.00	265.00	277.16	274.05	277.77	0.007934	6.26	3229.85	485.45	0.43
Bell-2-Gober	47774	50-EV	17748.00	265.00	276.60	273.70	277.16	0.008053	6.00	2959.46	478.70	0.43
Bell-2-Gober	47774	25-EV	14845.00	265.00	275.89	273.26	276.39	0.008229	5.66	2623.74	469.88	0.42
Bell-2-Gober	47774	10-EV	7144.00	265.00	273.42	270.66	273.77	0.011002	4.75	1503.61	431.61	0.45
Bell-2-Gober	47774	5-EV	2360.00	265.00	270.05	268.66	270.32	0.007401	4.20	561.63	191.09	0.43
Bell-2-Gober	47774	2-EV	528.00	265.00	268.00	267.15	268.11	0.007005	2.58	204.32	143.27	0.38
Bell-2-Gober	47625	100-EV	20205.00	263.00	276.16		276.65	0.006579	5.62	3595.74	556.21	0.39
Bell-2-Gober	47625	50-EV	17748.00	263.00	275.55		276.01	0.006942	5.45	3256.70	548.45	0.39
Bell-2-Gober	47625	25-EV	14845.00	263.00	274.75		275.18	0.007656	5.26	2822.18	538.34	0.41
Bell-2-Gober	47625	10-EV	7144.00	263.00	271.67		272.12	0.010885	5.37	1329.40	355.38	0.49
Bell-2-Gober	47625	5-EV	2360.00	263.00	268.69		269.02	0.010246	4.61	512.20	199.06	0.51
Bell-2-Gober	47625	2-EV	528.00	263.00	266.66		266.82	0.010633	3.23	163.49	114.25	0.48
Bell-2-Gober	47474	100-EV	20205.00	261.07	275.01		275.72	0.005491	6.79	2975.35	474.08	0.48
Bell-2-Gober	47474	50-EV	17748.00	261.07	274.37		275.05	0.005567	6.63	2677.28	457.52	0.48
Bell-2-Gober	47474	25-EV	14845.00	261.07	273.50		274.16	0.005796	6.48	2290.31	437.18	0.50
Bell-2-Gober	47474	10-EV	7144.00	261.07	270.43		270.90	0.006247	5.48	1303.71	279.31	0.45
Bell-2-Gober	47474	5-EV	2360.00	261.07	267.29		267.62	0.008376	4.59	514.38	181.10	0.48
Bell-2-Gober	47474	2-EV	528.00	261.07	264.49		264.77	0.017943	4.27	123.70	84.24	0.62
Bell-2-Gober	47324	100-EV	20205.00	260.02	273.85		274.74	0.007693	7.59	2661.04	427.82	0.54
Bell-2-Gober	47324	50-EV	17748.00	260.02	273.26		274.09	0.007218	7.33	2421.79	386.34	0.52
Bell-2-Gober	47324	25-EV	14845.00	260.02	272.49		273.23	0.006458	6.92	2145.65	330.73	0.48
Bell-2-Gober	47324	10-EV	7144.00	260.02	269.57		270.03	0.005332	5.44	1314.37	257.50	0.42
Bell-2-Gober	47324	5-EV	2360.00	260.02	266.37		266.62	0.005271	3.98	593.58	188.39	0.39
Bell-2-Gober	47324	2-EV	528.00	260.02	263.38		263.49	0.004642	2.66	198.48	99.93	0.33
Bell-2-Gober	47174	100-EV	20205.00	258.76	270.28	270.28	272.64	0.026964	12.32	1639.96	353.21	1.01
Bell-2-Gober	47174	50-EV	17748.00	258.76	269.77	269.77	272.04	0.028168	12.09	1467.40	322.73	1.00
Bell-2-Gober	47174	25-EV	14845.00	258.76	269.03	269.03	271.25	0.031873	11.93	1244.10	283.92	1.00
Bell-2-Gober	47174	10-EV	7144.00	258.76	266.44	266.44	268.23	0.036688	10.72	666.29	188.01	1.00
Bell-2-Gober	47174	5-EV	2360.00	258.76	263.55	263.55	264.82	0.040041	9.05	260.83	103.24	1.00
Bell-2-Gober	47174	2-EV	528.00	258.76	261.15	261.15	261.83	0.047153	6.61	79.87	58.91	1.00
Bell-2-Gober	47059	100-EV	20205.00	254.20	269.96	264.27	271.07	0.003777	8.45	2389.82	200.70	0.43
Bell-2-Gober	47059	50-EV	17748.00	254.20	268.82	263.64	269.87	0.003948	8.20	2163.33	196.20	0.44
Bell-2-Gober	47059	25-EV	14845.00	254.20	267.35	262.82	268.32	0.004258	7.90	1878.71	190.41	0.44
Bell-2-Gober	47059	10-EV	7144.00	254.20	263.07	260.25	263.73	0.005236	6.49	1100.03	173.67	0.45
Bell-2-Gober	47059	5-EV	2360.00	254.20	259.46	257.41	259.79	0.006013	4.64	508.89	143.70	0.43
Bell-2-Gober	47059	2-EV	528.00	254.20	256.93	255.60	257.02	0.003606	2.48	212.96	98.88	0.30

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	46994		Bridge									
Bell-2-Gober	46931	100-EV	20205.00	251.76	266.71		267.95	0.004327	8.95	2258.43	181.27	0.45
Bell-2-Gober	46931	50-EV	17748.00	251.76	265.49		266.66	0.004552	8.70	2039.57	176.84	0.45
Bell-2-Gober	46931	25-EV	14845.00	251.76	263.90		265.00	0.004971	8.42	1763.61	171.09	0.46
Bell-2-Gober	46931	10-EV	7144.00	251.76	259.37		260.12	0.006220	6.96	1025.74	154.67	0.48
Bell-2-Gober	46931	5-EV	2360.00	251.76	255.91		256.24	0.006231	4.61	512.02	142.12	0.43
Bell-2-Gober	46931	2-EV	528.00	251.76	253.64		253.75	0.006296	2.64	199.81	127.97	0.37
Bell-2-Gober	46887	100-EV	20205.00	251.57	266.77	260.25	267.57	0.003136	7.15	2826.98	305.04	0.37
Bell-2-Gober	46887	50-EV	17748.00	251.57	265.52	259.56	266.29	0.003379	7.03	2525.18	296.47	0.38
Bell-2-Gober	46887	25-EV	14845.00	251.57	263.88	258.74	264.63	0.003845	6.95	2136.77	284.63	0.41
Bell-2-Gober	46887	10-EV	7144.00	251.57	259.19	256.17	259.80	0.005243	6.27	1139.56	176.46	0.43
Bell-2-Gober	46887	5-EV	2360.00	251.57	255.68	253.96	255.96	0.005419	4.26	554.63	157.12	0.40
Bell-2-Gober	46887	2-EV	528.00	251.57	253.36	252.64	253.46	0.006484	2.57	205.81	142.52	0.38
Bell-2-Gober	46841	100-EV	20205.00	251.38	266.85	258.99	267.36	0.002427	5.73	3523.31	353.48	0.29
Bell-2-Gober	46841	50-EV	17748.00	251.38	265.58	258.38	266.07	0.002678	5.63	3150.64	342.72	0.30
Bell-2-Gober	46841	25-EV	14845.00	251.38	263.92	257.65	264.40	0.003162	5.56	2672.23	332.87	0.32
Bell-2-Gober	46841	10-EV	7144.00	251.38	259.16	255.37	259.54	0.003532	4.99	1431.53	215.14	0.34
Bell-2-Gober	46841	5-EV	2360.00	251.38	255.57	253.47	255.74	0.003235	3.34	707.56	191.52	0.31
Bell-2-Gober	46841	2-EV	528.00	251.38	253.15	252.35	253.22	0.004260	2.05	257.39	179.58	0.30
Bell-2-Gober	46786	100-EV	20205.00	251.14	266.88		267.20	0.001486	4.57	4486.91	477.47	0.25
Bell-2-Gober	46786	50-EV	17748.00	251.14	265.58		265.91	0.001742	4.59	3879.78	445.46	0.26
Bell-2-Gober	46786	25-EV	14845.00	251.14	263.89		264.22	0.001964	4.63	3204.30	365.71	0.28
Bell-2-Gober	46786	10-EV	7144.00	251.14	259.09		259.36	0.002210	4.19	1703.61	246.62	0.28
Bell-2-Gober	46786	5-EV	2360.00	251.14	255.47		255.59	0.002015	2.74	862.61	222.03	0.24
Bell-2-Gober	46786	2-EV	528.00	251.14	253.01		253.05	0.002277	1.61	328.95	207.48	0.22
Bell-2-Gober	46738	100-EV	20205.00	250.34	266.85		267.11	0.001549	4.09	4937.20	517.34	0.23
Bell-2-Gober	46738	50-EV	17748.00	250.34	265.54		265.80	0.001607	4.14	4285.14	472.83	0.24
Bell-2-Gober	46738	25-EV	14845.00	250.34	263.84		264.11	0.001592	4.16	3565.53	386.56	0.24
Bell-2-Gober	46738	10-EV	7144.00	250.34	259.05		259.25	0.001495	3.60	1982.21	269.36	0.23
Bell-2-Gober	46738	5-EV	2360.00	250.34	255.42		255.50	0.001232	2.26	1044.34	248.29	0.19
Bell-2-Gober	46738	2-EV	528.00	250.34	252.95		252.97	0.000872	1.16	454.74	227.02	0.14
Bell-2-Gober	46499	100-EV	20205.00	249.00	266.53		266.79	0.001120	4.13	4886.46	529.14	0.24
Bell-2-Gober	46499	50-EV	17748.00	249.00	265.19		265.46	0.001290	4.20	4230.21	451.19	0.24
Bell-2-Gober	46499	25-EV	14845.00	249.00	263.48		263.76	0.001408	4.19	3546.05	387.24	0.24
Bell-2-Gober	46499	10-EV	7144.00	249.00	258.51		258.78	0.002648	4.14	1725.98	295.97	0.30
Bell-2-Gober	46499	5-EV	2360.00	249.00	254.76		254.95	0.005419	3.45	683.94	261.12	0.38
Bell-2-Gober	46499	2-EV	528.00	249.00	252.36		252.48	0.008578	2.85	185.18	132.98	0.43
Bell-2-Gober	46348	100-EV	20205.00	248.10	266.38		266.56	0.001709	3.48	5799.73	630.63	0.20
Bell-2-Gober	46348	50-EV	17748.00	248.10	264.99		265.19	0.002203	3.60	4931.64	621.06	0.23
Bell-2-Gober	46348	25-EV	14845.00	248.10	263.21		263.44	0.003162	3.85	3851.56	574.07	0.26
Bell-2-Gober	46348	10-EV	7144.00	248.10	258.08		258.32	0.003351	3.93	1819.05	358.06	0.31
Bell-2-Gober	46348	5-EV	2360.00	248.10	253.81		254.03	0.006731	3.78	624.41	235.13	0.41
Bell-2-Gober	46348	2-EV	528.00	248.10	251.34		251.44	0.005556	2.50	211.28	125.63	0.34
Bell-2-Gober	46198	100-EV	20205.00	247.20	265.97		266.25	0.002449	4.28	4719.48	584.95	0.27
Bell-2-Gober	46198	50-EV	17748.00	247.20	264.53		264.84	0.002347	4.47	3973.16	460.95	0.27
Bell-2-Gober	46198	25-EV	14845.00	247.20	262.80		263.11	0.001520	4.47	3319.50	291.09	0.23
Bell-2-Gober	46198	10-EV	7144.00	247.20	257.72		257.94	0.001924	3.76	1898.74	269.88	0.25
Bell-2-Gober	46198	5-EV	2360.00	247.20	253.07		253.24	0.004161	3.33	709.73	222.88	0.33
Bell-2-Gober	46198	2-EV	528.00	247.20	250.32		250.44	0.008195	2.80	188.34	127.13	0.41
Bell-2-Gober	46048	100-EV	20205.00	245.37	265.59		265.96	0.001543	4.85	4162.50	501.07	0.30
Bell-2-Gober	46048	50-EV	17748.00	245.37	264.11		264.52	0.001795	5.13	3460.05	445.02	0.32
Bell-2-Gober	46048	25-EV	14845.00	245.37	262.38		262.83	0.002087	5.38	2759.62	338.29	0.33
Bell-2-Gober	46048	10-EV	7144.00	245.37	257.20		257.57	0.002967	4.88	1464.47	216.99	0.33
Bell-2-Gober	46048	5-EV	2360.00	245.37	252.33		252.59	0.004406	4.04	583.77	148.66	0.36
Bell-2-Gober	46048	2-EV	528.00	245.37	249.37		249.48	0.005152	2.67	197.43	106.17	0.35
Bell-2-Gober	45898	100-EV	20205.00	245.00	265.33	255.92	265.74	0.001245	5.16	3916.66	282.51	0.24
Bell-2-Gober	45898	50-EV	17748.00	245.00	263.89	255.39	264.29	0.001346	5.05	3516.02	273.91	0.25
Bell-2-Gober	45898	25-EV	14845.00	245.00	262.18	254.71	262.55	0.001473	4.86	3055.73	265.96	0.25
Bell-2-Gober	45898	10-EV	7144.00	245.00	256.89	251.84	257.16	0.002209	4.21	1695.63	247.86	0.28
Bell-2-Gober	45898	5-EV	2360.00	245.00	251.72	249.37	251.95	0.004023	3.84	614.41	159.90	0.35
Bell-2-Gober	45898	2-EV	528.00	245.00	248.45	247.28	248.59	0.006755	3.01	175.63	97.51	0.39
Bell-2-Gober	45748	100-EV	20205.00	245.00	264.99		265.49	0.002157	5.70	3546.68	287.79	0.29
Bell-2-Gober	45748	50-EV	17748.00	245.00	263.54		264.03	0.002108	5.63	3150.93	258.07	0.28
Bell-2-Gober	45748	25-EV	14845.00	245.00	261.82		262.28	0.002062	5.44	2729.43	235.59	0.28
Bell-2-Gober	45748	10-EV	7144.00	245.00	256.52		256.83	0.002203	4.49	1589.96	200.10	0.28
Bell-2-Gober	45748	5-EV	2360.00	245.00	251.20		251.41	0.003233	3.72	635.05	144.27	0.31
Bell-2-Gober	45748	2-EV	528.00	245.00	247.81		247.90	0.003246	2.41	218.93	96.93	0.28
Bell-2-Gober	45598	100-EV	20205.00	244.12	263.22	258.18	264.88	0.005742	10.32	1958.50	203.28	0.59
Bell-2-Gober	45598	50-EV	17748.00	244.12	261.51	257.09	263.37	0.006762	10.93	1623.97	187.55	0.65

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	45598	25-EV	14845.00	244.12	259.63	255.69	261.59	0.007570	11.23	1321.49	136.15	0.64
Bell-2-Gober	45598	10-EV	7144.00	244.12	254.96	251.69	256.19	0.007273	8.89	803.98	94.52	0.54
Bell-2-Gober	45598	5-EV	2360.00	244.12	250.01	248.10	250.62	0.008418	6.30	374.43	78.77	0.51
Bell-2-Gober	45598	2-EV	528.00	244.12	247.11	245.86	247.27	0.005470	3.26	161.96	67.27	0.37
Bell-2-Gober	45523	100-EV	20205.00	243.97	262.88	256.06	264.36	0.006884	9.77	2068.10	258.89	0.49
Bell-2-Gober	45523	50-EV	17748.00	243.97	261.26	255.16	262.75	0.006863	9.80	1810.32	226.76	0.50
Bell-2-Gober	45523	25-EV	14845.00	243.97	259.49	254.04	260.89	0.006699	9.51	1561.79	201.15	0.49
Bell-2-Gober	45523	10-EV	7144.00	243.97	254.80	250.54	255.60	0.005242	7.19	994.26	130.44	0.43
Bell-2-Gober	45523	5-EV	2360.00	243.97	249.59	247.44	250.02	0.006379	5.26	448.32	97.43	0.43
Bell-2-Gober	45523	2-EV	528.00	243.97	246.76	245.53	246.88	0.004647	2.80	188.41	85.02	0.33
Bell-2-Gober	45373	100-EV	20371.00	243.00	262.62		263.51	0.003164	7.53	2703.69	191.14	0.35
Bell-2-Gober	45373	50-EV	17889.00	243.00	261.01		261.87	0.003269	7.43	2406.55	179.91	0.36
Bell-2-Gober	45373	25-EV	14949.00	243.00	259.23		260.02	0.003351	7.14	2093.80	171.47	0.36
Bell-2-Gober	45373	10-EV	7112.00	243.00	254.46		254.92	0.002941	5.40	1317.60	153.87	0.33
Bell-2-Gober	45373	5-EV	2452.00	243.00	248.76		249.11	0.005570	4.72	519.24	123.68	0.41
Bell-2-Gober	45373	2-EV	603.00	243.00	245.61		245.82	0.011034	3.64	165.82	99.95	0.50
Bell-2-Gober	45298	100-EV	20371.00	242.01	262.58		263.23	0.002308	6.47	3149.70	216.85	0.30
Bell-2-Gober	45298	50-EV	17889.00	242.01	260.96		261.59	0.002400	6.37	2810.04	204.09	0.30
Bell-2-Gober	45298	25-EV	14949.00	242.01	259.17		259.74	0.002422	6.09	2455.05	191.78	0.30
Bell-2-Gober	45298	10-EV	7112.00	242.01	254.38		254.70	0.001982	4.47	1590.03	171.26	0.26
Bell-2-Gober	45298	5-EV	2452.00	242.01	248.53		248.74	0.003448	3.74	654.78	144.65	0.31
Bell-2-Gober	45298	2-EV	603.00	242.01	244.82		245.00	0.010491	3.46	174.19	108.61	0.48
Bell-2-Gober	45147	100-EV	20371.00	240.09	262.51		262.89	0.001337	4.94	4127.55	274.15	0.22
Bell-2-Gober	45147	50-EV	17889.00	240.09	260.91		261.27	0.001191	4.81	3718.12	242.62	0.22
Bell-2-Gober	45147	25-EV	14949.00	240.09	259.10		259.42	0.001141	4.54	3290.95	231.24	0.21
Bell-2-Gober	45147	10-EV	7112.00	240.09	254.30		254.46	0.000847	3.20	2225.09	214.92	0.18
Bell-2-Gober	45147	5-EV	2452.00	240.09	248.34		248.43	0.001123	2.43	1008.06	190.26	0.19
Bell-2-Gober	45147	2-EV	603.00	240.09	243.73		243.85	0.005722	2.72	221.77	125.52	0.36
Bell-2-Gober	44998	100-EV	20371.00	239.12	262.11		262.58	0.003320	5.52	3689.03	351.55	0.30
Bell-2-Gober	44998	50-EV	17889.00	239.12	260.54		261.02	0.002149	5.57	3213.81	255.73	0.28
Bell-2-Gober	44998	25-EV	14949.00	239.12	258.74		259.19	0.002029	5.38	2779.56	232.27	0.27
Bell-2-Gober	44998	10-EV	7112.00	239.12	254.06		254.30	0.001272	3.97	1791.24	179.98	0.22
Bell-2-Gober	44998	5-EV	2452.00	239.12	248.14		248.26	0.001107	2.82	869.63	133.61	0.19
Bell-2-Gober	44998	2-EV	603.00	239.12	243.19		243.27	0.002698	2.27	266.07	112.39	0.26
Bell-2-Gober	44848	100-EV	20371.00	238.00	260.70		261.78	0.008160	8.34	2441.89	217.31	0.44
Bell-2-Gober	44848	50-EV	17889.00	238.00	259.35		260.41	0.007557	8.26	2166.12	192.26	0.43
Bell-2-Gober	44848	25-EV	14949.00	238.00	257.61		258.62	0.007104	8.06	1853.91	170.31	0.43
Bell-2-Gober	44848	10-EV	7112.00	238.00	253.39		253.94	0.004640	5.93	1199.01	140.31	0.36
Bell-2-Gober	44848	5-EV	2452.00	238.00	247.72		248.01	0.002471	4.27	574.70	83.00	0.29
Bell-2-Gober	44848	2-EV	603.00	238.00	242.74		242.86	0.002607	2.83	213.42	62.66	0.27
Bell-2-Gober	44698	100-EV	20371.00	237.06	259.54		260.59	0.007636	8.23	2473.94	213.57	0.43
Bell-2-Gober	44698	50-EV	17889.00	237.06	258.34		259.34	0.006620	8.01	2233.92	186.99	0.41
Bell-2-Gober	44698	25-EV	14949.00	237.06	256.72		257.63	0.005786	7.63	1957.97	163.49	0.39
Bell-2-Gober	44698	10-EV	7112.00	237.06	252.89		253.31	0.003422	5.21	1365.17	145.56	0.30
Bell-2-Gober	44698	5-EV	2452.00	237.06	247.40		247.61	0.002599	3.67	667.58	95.23	0.24
Bell-2-Gober	44698	2-EV	603.00	237.06	242.40		242.49	0.002303	2.33	259.35	68.30	0.21
Bell-2-Gober	44548	100-EV	20371.00	236.97	258.64		259.42	0.006976	7.08	2875.58	303.94	0.41
Bell-2-Gober	44548	50-EV	17889.00	236.97	257.58		258.32	0.005930	6.93	2582.93	242.05	0.37
Bell-2-Gober	44548	25-EV	14949.00	236.97	256.17		256.83	0.004067	6.53	2288.74	194.37	0.34
Bell-2-Gober	44548	10-EV	7112.00	236.97	252.53		252.83	0.002607	4.44	1603.06	181.83	0.26
Bell-2-Gober	44548	5-EV	2452.00	236.97	247.13		247.28	0.001702	3.09	792.77	102.21	0.20
Bell-2-Gober	44548	2-EV	603.00	236.97	242.15		242.20	0.001475	1.84	327.91	84.22	0.16
Bell-2-Gober	44398	100-EV	20371.00	236.20	255.82	253.75	257.91	0.012396	11.62	1753.67	207.18	0.70
Bell-2-Gober	44398	50-EV	17889.00	236.20	254.77	253.18	256.86	0.014402	11.62	1539.87	200.46	0.74
Bell-2-Gober	44398	25-EV	14949.00	236.20	253.48	252.30	255.57	0.017582	11.62	1286.95	191.66	0.79
Bell-2-Gober	44398	10-EV	7112.00	236.20	249.69	249.63	251.70	0.033136	11.37	625.24	150.37	0.98
Bell-2-Gober	44398	5-EV	2452.00	236.20	244.65	243.89	246.47	0.023422	10.83	226.48	42.88	0.83
Bell-2-Gober	44398	2-EV	603.00	236.20	240.88		241.59	0.018963	6.76	89.23	30.00	0.69
Bell-2-Gober	44248	100-EV	20371.00	236.01	249.95	249.95	255.07	0.024448	18.15	1122.38	110.85	1.01
Bell-2-Gober	44248	50-EV	17889.00	236.01	248.99	248.99	253.79	0.025111	17.58	1017.47	107.17	1.01
Bell-2-Gober	44248	25-EV	14949.00	236.01	247.77	247.77	252.16	0.026138	16.80	889.77	102.52	1.01
Bell-2-Gober	44248	10-EV	7112.00	236.01	243.90	243.90	246.82	0.030791	13.71	518.64	89.08	1.00
Bell-2-Gober	44248	5-EV	2452.00	236.01	240.44	240.44	242.09	0.036361	10.32	237.66	71.93	1.00
Bell-2-Gober	44248	2-EV	603.00	236.01	238.80		239.14	0.013092	4.66	129.46	60.53	0.56
Bell-2-Gober	44098	100-EV	20371.00	235.16	239.72	241.82	246.93	0.193922	21.55	945.35	303.36	2.15
Bell-2-Gober	44098	50-EV	17889.00	235.16	239.56	241.38	245.73	0.176716	19.94	897.26	302.17	2.04
Bell-2-Gober	44098	25-EV	14949.00	235.16	239.37	240.84	244.28	0.152107	17.78	840.54	300.75	1.88
Bell-2-Gober	44098	10-EV	7112.00	235.16	240.52	239.14	241.07	0.011336	5.97	1191.05	309.35	0.54
Bell-2-Gober	44098	5-EV	2452.00	235.16	238.77	237.79	238.98	0.008842	3.71	661.01	295.65	0.44
Bell-2-Gober	44098	2-EV	603.00	235.16	237.47		237.54	0.008063	2.11	286.13	282.85	0.37

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	43948	100-EV	20371.00	234.11	242.29	239.95	243.12	0.007931	7.32	2784.13	440.75	0.51
Bell-2-Gober	43948	50-EV	17889.00	234.11	241.82	239.61	242.57	0.007836	6.94	2577.19	438.36	0.50
Bell-2-Gober	43948	25-EV	14949.00	234.11	241.22	239.17	241.87	0.007707	6.45	2316.96	435.33	0.49
Bell-2-Gober	43948	10-EV	7112.00	234.11	239.32	237.83	239.67	0.007212	4.75	1495.70	425.77	0.45
Bell-2-Gober	43948	5-EV	2452.00	234.11	237.65	236.68	237.80	0.006782	3.09	794.79	415.98	0.39
Bell-2-Gober	43948	2-EV	603.00	234.11	236.46	235.83	236.52	0.005820	1.82	330.64	339.88	0.33
Bell-2-Gober	43798	100-EV	20371.00	232.25	241.17	238.76	241.90	0.008024	6.87	2964.65	481.69	0.49
Bell-2-Gober	43798	50-EV	17889.00	232.25	240.70	238.43	241.37	0.007965	6.53	2740.61	479.15	0.48
Bell-2-Gober	43798	25-EV	14949.00	232.25	240.11	238.03	240.69	0.007895	6.08	2458.50	475.92	0.47
Bell-2-Gober	43798	10-EV	7112.00	232.25	238.24	236.76	238.56	0.007535	4.51	1577.20	465.06	0.43
Bell-2-Gober	43798	5-EV	2452.00	232.25	236.66	235.63	236.79	0.006822	2.89	847.91	454.94	0.37
Bell-2-Gober	43798	2-EV	603.00	232.25	235.21	234.63	235.29	0.012308	2.27	266.07	314.16	0.43
Bell-2-Gober	43573	100-EV	20371.00	228.57	239.41	236.96	240.06	0.008102	6.45	3156.43	534.22	0.47
Bell-2-Gober	43573	50-EV	17889.00	228.57	238.94	236.64	239.53	0.008117	6.16	2906.27	529.94	0.46
Bell-2-Gober	43573	25-EV	14949.00	228.57	238.34	236.25	238.86	0.008183	5.77	2589.45	524.47	0.46
Bell-2-Gober	43573	10-EV	7112.00	228.57	236.36	234.90	236.68	0.009216	4.53	1570.48	505.31	0.45
Bell-2-Gober	43573	5-EV	2452.00	228.57	234.20	233.06	234.46	0.017027	4.09	599.71	343.97	0.55
Bell-2-Gober	43573	2-EV	603.00	228.57	231.54	230.59	231.81	0.019692	4.17	144.57	64.68	0.49
Bell-2-Gober	43423	100-EV	20371.00	226.06	238.16	235.62	238.80	0.008651	6.42	3175.43	577.13	0.46
Bell-2-Gober	43423	50-EV	17889.00	226.06	237.70	235.30	238.28	0.008488	6.09	2936.33	568.01	0.45
Bell-2-Gober	43423	25-EV	14949.00	226.06	237.12	234.89	237.62	0.008253	5.68	2633.76	556.38	0.44
Bell-2-Gober	43423	10-EV	7112.00	226.06	235.15	233.30	235.45	0.007244	4.35	1635.95	500.38	0.42
Bell-2-Gober	43423	5-EV	2452.00	226.06	232.52	230.25	232.77	0.007921	4.02	610.62	196.64	0.40
Bell-2-Gober	43423	2-EV	603.00	226.06	229.88	228.33	229.97	0.007963	2.51	239.92	120.97	0.31
Bell-2-Gober	43273	100-EV	20371.00	226.00	236.47	234.76	237.26	0.012072	7.16	2843.82	601.19	0.56
Bell-2-Gober	43273	50-EV	17889.00	226.00	235.99	234.45	236.74	0.012435	6.94	2577.94	590.46	0.57
Bell-2-Gober	43273	25-EV	14949.00	226.00	235.38	234.07	236.07	0.012985	6.66	2243.52	577.80	0.58
Bell-2-Gober	43273	10-EV	7112.00	226.00	233.31	232.61	233.88	0.015753	6.09	1167.21	470.04	0.68
Bell-2-Gober	43273	5-EV	2452.00	226.00	230.94	229.11	231.32	0.011846	4.93	497.16	130.60	0.45
Bell-2-Gober	43273	2-EV	603.00	226.00	228.60	227.37	228.72	0.008835	2.74	220.22	104.49	0.33
Bell-2-Gober	43123	100-EV	20371.00	224.06	235.36	232.45	235.87	0.006579	5.76	3535.91	683.09	0.41
Bell-2-Gober	43123	50-EV	17889.00	224.06	234.88	232.13	235.35	0.006445	5.50	3255.06	640.98	0.41
Bell-2-Gober	43123	25-EV	14949.00	224.06	234.27	231.73	234.68	0.006235	5.14	2905.68	614.21	0.40
Bell-2-Gober	43123	10-EV	7112.00	224.06	232.30	230.31	232.54	0.005094	3.91	1818.35	527.92	0.37
Bell-2-Gober	43123	5-EV	2452.00	224.06	230.13	227.82	230.28	0.004092	3.10	791.74	374.30	0.38
Bell-2-Gober	43123	2-EV	603.00	224.06	227.37	226.46	227.47	0.007801	2.53	238.37	143.94	0.35
Bell-2-Gober	42973	100-EV	20371.00	224.00	234.35	232.45	234.80	0.007482	5.39	3778.65	639.66	0.39
Bell-2-Gober	42973	50-EV	17889.00	224.00	233.87	232.45	234.28	0.007592	5.15	3471.57	636.02	0.39
Bell-2-Gober	42973	25-EV	14949.00	224.00	233.26	232.45	233.63	0.007760	4.84	3087.19	631.44	0.39
Bell-2-Gober	42973	10-EV	7112.00	224.00	231.35	230.17	231.57	0.008273	3.74	1902.22	603.67	0.37
Bell-2-Gober	42973	5-EV	2452.00	224.00	229.39	228.50	229.50	0.006573	2.72	901.50	384.68	0.31
Bell-2-Gober	42973	2-EV	603.00	224.00	226.65	226.46	226.71	0.003457	1.84	327.30	150.10	0.22
Bell-2-Gober	42823	100-EV	20371.00	223.75	233.27	231.16	233.70	0.007174	5.24	3887.81	627.11	0.37
Bell-2-Gober	42823	50-EV	17889.00	223.75	232.77	231.16	232.16	0.007267	5.00	3576.46	624.74	0.37
Bell-2-Gober	42823	25-EV	14949.00	223.75	232.14	230.49	232.49	0.007395	4.69	3184.22	620.44	0.37
Bell-2-Gober	42823	10-EV	7112.00	223.75	230.13	230.34	230.34	0.008195	3.64	1952.16	601.64	0.36
Bell-2-Gober	42823	5-EV	2452.00	223.75	228.33	228.43	228.43	0.007731	2.54	964.95	476.50	0.31
Bell-2-Gober	42823	2-EV	603.00	223.75	225.67	225.79	225.79	0.013638	2.78	216.64	146.61	0.40
Bell-2-Gober	42673	100-EV	20371.00	222.00	232.28	230.69	232.69	0.006204	5.11	3988.75	643.03	0.36
Bell-2-Gober	42673	50-EV	17889.00	222.00	231.76	230.14	232.14	0.006345	4.89	3656.18	639.40	0.36
Bell-2-Gober	42673	25-EV	14949.00	222.00	231.10	231.44	231.44	0.006558	4.62	3235.74	632.46	0.36
Bell-2-Gober	42673	10-EV	7112.00	222.00	228.95	229.16	229.16	0.007505	3.70	1921.37	582.60	0.36
Bell-2-Gober	42673	5-EV	2452.00	222.00	226.94	227.07	227.07	0.010662	2.91	843.48	474.85	0.38
Bell-2-Gober	42673	2-EV	603.00	222.00	224.59	224.65	224.65	0.004695	1.97	306.84	175.72	0.26
Bell-2-Gober	42523	100-EV	20371.00	221.74	231.64	231.95	231.95	0.003744	4.42	4612.68	705.05	0.30
Bell-2-Gober	42523	50-EV	17889.00	221.74	231.11	231.39	231.39	0.003752	4.22	4239.89	697.51	0.30
Bell-2-Gober	42523	25-EV	14949.00	221.74	230.43	230.68	230.68	0.003772	3.97	3769.63	687.80	0.30
Bell-2-Gober	42523	10-EV	7112.00	221.74	228.21	228.36	228.36	0.003807	3.12	2278.90	653.49	0.29
Bell-2-Gober	42523	5-EV	2452.00	221.74	226.12	226.20	226.20	0.003562	2.38	1029.64	564.40	0.31
Bell-2-Gober	42523	2-EV	603.00	221.74	224.17	224.20	224.20	0.002010	1.46	412.44	195.93	0.18
Bell-2-Gober	42373	100-EV	20371.00	221.86	231.04	231.33	231.33	0.004517	4.29	4744.71	766.19	0.30
Bell-2-Gober	42373	50-EV	17889.00	221.86	230.50	230.76	230.76	0.004619	4.13	4331.78	755.79	0.30
Bell-2-Gober	42373	25-EV	14949.00	221.86	229.80	230.04	230.04	0.004836	3.92	3808.83	742.37	0.31
Bell-2-Gober	42373	10-EV	7112.00	221.86	227.44	227.62	227.62	0.006738	3.34	2126.37	676.42	0.33
Bell-2-Gober	42373	5-EV	2452.00	221.86	225.30	225.41	225.41	0.008519	2.71	906.14	473.62	0.34
Bell-2-Gober	42373	2-EV	603.00	221.86	223.47	223.58	223.58	0.012405	2.57	234.88	176.71	0.39
Bell-2-Gober	42223	100-EV	20371.00	220.00	230.43	230.73	230.73	0.003488	4.37	4657.77	781.95	0.32
Bell-2-Gober	42223	50-EV	17889.00	220.00	229.87	230.15	230.15	0.003580	4.24	4221.45	773.50	0.32
Bell-2-Gober	42223	25-EV	14949.00	220.00	229.14	229.40	229.40	0.003761	4.09	3658.11	758.01	0.33

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	42223	10-EV	7112.00	220.00	226.55		226.76	0.004836	3.64	1954.07	539.78	0.34
Bell-2-Gober	42223	5-EV	2452.00	220.00	224.43		224.53	0.004307	2.58	951.65	423.41	0.30
Bell-2-Gober	42223	2-EV	603.00	220.00	222.78		222.82	0.002610	1.61	374.06	198.40	0.21
Bell-2-Gober	42073	100-EV	20371.00	220.00	229.86		230.15	0.004274	4.29	4745.24	771.74	0.31
Bell-2-Gober	42073	50-EV	17889.00	220.00	229.28		229.55	0.004453	4.16	4301.15	757.88	0.31
Bell-2-Gober	42073	25-EV	14949.00	220.00	228.50		228.76	0.004868	4.02	3718.17	739.44	0.32
Bell-2-Gober	42073	10-EV	7112.00	220.00	225.75		225.96	0.005914	3.68	1935.09	513.03	0.33
Bell-2-Gober	42073	5-EV	2452.00	220.00	223.73		223.82	0.005143	2.50	979.88	418.76	0.29
Bell-2-Gober	42073	2-EV	603.00	220.00	222.34		222.37	0.003449	1.37	440.06	327.14	0.21
Bell-2-Gober	41923	100-EV	20371.00	219.24	229.28		229.55	0.003714	4.20	4846.73	753.21	0.29
Bell-2-Gober	41923	50-EV	17889.00	219.24	228.67		228.93	0.003896	4.07	4390.36	746.78	0.30
Bell-2-Gober	41923	25-EV	14949.00	219.24	227.82		228.06	0.004386	3.97	3761.38	727.34	0.31
Bell-2-Gober	41923	10-EV	7112.00	219.24	224.48		224.79	0.010609	4.47	1592.08	553.58	0.46
Bell-2-Gober	41923	5-EV	2452.00	219.24	221.84		222.19	0.034422	4.74	516.83	362.32	0.70
Bell-2-Gober	41923	2-EV	603.00	219.24	220.58	220.58	220.90	0.084886	4.56	132.19	210.14	1.01
Bell-2-Gober	41773	100-EV	20371.00	218.00	229.02		229.18	0.001502	3.28	6218.12	797.46	0.21
Bell-2-Gober	41773	50-EV	17889.00	218.00	228.41		228.56	0.001459	3.11	5757.62	732.66	0.20
Bell-2-Gober	41773	25-EV	14949.00	218.00	227.55		227.68	0.001440	2.91	5138.98	710.57	0.19
Bell-2-Gober	41773	10-EV	7112.00	218.00	224.04		224.14	0.001992	2.58	2760.66	629.71	0.22
Bell-2-Gober	41773	5-EV	2452.00	218.00	221.07		221.14	0.002625	2.05	1198.31	413.46	0.21
Bell-2-Gober	41773	2-EV	603.00	218.00	219.56	218.46	219.57	0.001604	1.03	587.39	395.16	0.15
Bell-2-Gober	41623	100-EV	20371.00	217.94	228.80		228.96	0.001470	3.14	6494.58	910.21	0.21
Bell-2-Gober	41623	50-EV	17889.00	217.94	228.20		228.34	0.001441	3.01	5947.01	896.36	0.21
Bell-2-Gober	41623	25-EV	14949.00	217.94	227.34		227.46	0.001443	2.86	5228.52	748.62	0.19
Bell-2-Gober	41623	10-EV	7112.00	217.94	223.72		223.83	0.002258	2.63	2706.62	629.80	0.22
Bell-2-Gober	41623	5-EV	2452.00	217.94	220.51		220.60	0.004992	2.45	999.80	447.62	0.29
Bell-2-Gober	41623	2-EV	603.00	217.94	219.21		219.23	0.003501	1.31	461.61	396.20	0.21
Bell-2-Gober	41473	100-EV	20371.00	216.94	228.63		228.77	0.001010	3.03	6712.30	858.93	0.19
Bell-2-Gober	41473	50-EV	17889.00	216.94	228.03		228.16	0.000970	2.88	6201.55	844.08	0.19
Bell-2-Gober	41473	25-EV	14949.00	216.94	227.17		227.29	0.000946	2.72	5496.75	793.69	0.18
Bell-2-Gober	41473	10-EV	7112.00	216.94	223.49		223.57	0.001266	2.36	3017.57	615.47	0.19
Bell-2-Gober	41473	5-EV	2452.00	216.94	219.73		219.84	0.005204	2.66	923.48	462.54	0.33
Bell-2-Gober	41473	2-EV	603.00	216.94	218.20		218.27	0.015408	2.18	276.88	403.31	0.46
Bell-2-Gober	41323	100-EV	20371.00	216.00	228.44		228.58	0.001632	3.03	6722.39	790.98	0.18
Bell-2-Gober	41323	50-EV	17889.00	216.00	227.85		227.98	0.001516	2.86	6262.93	767.63	0.18
Bell-2-Gober	41323	25-EV	14949.00	216.00	227.01		227.12	0.001338	2.65	5635.95	717.50	0.17
Bell-2-Gober	41323	10-EV	7112.00	216.00	223.32		223.39	0.001075	2.07	3438.54	556.18	0.15
Bell-2-Gober	41323	5-EV	2452.00	216.00	219.36		219.40	0.001735	1.69	1448.32	463.92	0.17
Bell-2-Gober	41323	2-EV	603.00	216.00	217.19		217.22	0.003953	1.28	469.75	427.91	0.22
Bell-2-Gober	41173	100-EV	20371.00	214.15	228.20		228.34	0.001515	3.02	6741.28	733.90	0.18
Bell-2-Gober	41173	50-EV	17889.00	214.15	227.64		227.76	0.001333	2.82	6335.81	702.03	0.17
Bell-2-Gober	41173	25-EV	14949.00	214.15	226.83		226.93	0.001100	2.58	5788.23	649.45	0.15
Bell-2-Gober	41173	10-EV	7112.00	214.15	223.20		223.25	0.000774	1.90	3752.19	512.15	0.12
Bell-2-Gober	41173	5-EV	2452.00	214.15	219.16		219.19	0.001111	1.41	1741.10	486.73	0.13
Bell-2-Gober	41173	2-EV	603.00	214.15	216.30		216.34	0.009520	1.59	380.27	448.54	0.30
Bell-2-Gober	41024	100-EV	20371.00	214.00	228.12		228.20	0.000519	2.31	8815.66	740.06	0.12
Bell-2-Gober	41024	50-EV	17889.00	214.00	227.57		227.64	0.000456	2.13	8412.06	722.05	0.11
Bell-2-Gober	41024	25-EV	14949.00	214.00	226.77		226.83	0.000386	1.91	7845.45	699.61	0.10
Bell-2-Gober	41024	10-EV	7112.00	214.00	223.15		223.18	0.000283	1.32	5392.29	664.42	0.08
Bell-2-Gober	41024	5-EV	2452.00	214.00	219.10		219.11	0.000302	0.89	2748.87	639.61	0.08
Bell-2-Gober	41024	2-EV	603.00	214.00	215.67		215.68	0.002538	1.01	599.09	564.35	0.17
Bell-2-Gober	40873	100-EV	20371.00	212.35	228.08		228.13	0.000329	1.92	10583.76	799.24	0.09
Bell-2-Gober	40873	50-EV	17889.00	212.35	227.53		227.58	0.000288	1.76	10149.28	788.79	0.09
Bell-2-Gober	40873	25-EV	14949.00	212.35	226.74		226.78	0.000243	1.57	9530.60	775.58	0.08
Bell-2-Gober	40873	10-EV	7112.00	212.35	223.13		223.14	0.000160	1.05	6792.84	743.81	0.06
Bell-2-Gober	40873	5-EV	2452.00	212.35	219.07		219.08	0.000125	0.64	3818.19	723.89	0.05
Bell-2-Gober	40873	2-EV	603.00	212.35	215.59		215.59	0.000239	0.45	1336.50	700.32	0.06
Bell-2-Gober	40723	100-EV	20371.00	211.62	228.05	215.70	228.09	0.000207	1.74	11720.81	889.25	0.08
Bell-2-Gober	40723	50-EV	17889.00	211.62	227.50	215.45	227.54	0.000181	1.59	11241.84	872.36	0.08
Bell-2-Gober	40723	25-EV	14949.00	211.62	226.71	215.15	226.75	0.000153	1.41	10565.16	846.30	0.07
Bell-2-Gober	40723	10-EV	7112.00	211.62	223.11	214.18	223.12	0.000093	0.93	7679.92	771.81	0.05
Bell-2-Gober	40723	5-EV	2452.00	211.62	219.06	213.14	219.07	0.000057	0.53	4603.29	749.36	0.04
Bell-2-Gober	40723	2-EV	603.00	211.62	215.58	212.40	215.58	0.000047	0.30	2023.89	726.79	0.03
Bell-2-Gober	40573	100-EV	20371.00	211.53	228.01	215.47	228.06	0.000248	1.79	11398.52	847.68	0.09
Bell-2-Gober	40573	50-EV	17889.00	211.53	227.47	215.22	227.51	0.000214	1.63	10946.41	831.22	0.08
Bell-2-Gober	40573	25-EV	14949.00	211.53	226.69	214.91	226.72	0.000177	1.45	10305.79	807.33	0.07
Bell-2-Gober	40573	10-EV	7112.00	211.53	223.10	213.85	223.11	0.000101	0.94	7539.63	743.28	0.05
Bell-2-Gober	40573	5-EV	2452.00	211.53	219.05	212.91	219.06	0.000059	0.53	4593.51	716.23	0.04
Bell-2-Gober	40573	2-EV	603.00	211.53	215.57	212.27	215.57	0.000043	0.28	2137.62	692.19	0.03

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	40423	100-EV	20371.00	211.96	227.95		228.01	0.000397	2.04	9996.37	827.08	0.10
Bell-2-Gober	40423	50-EV	17889.00	211.96	227.42		227.47	0.000348	1.87	9561.68	812.10	0.10
Bell-2-Gober	40423	25-EV	14949.00	211.96	226.64		226.69	0.000292	1.67	8944.03	786.23	0.09
Bell-2-Gober	40423	10-EV	7112.00	211.96	223.07		223.09	0.000157	1.11	6427.82	659.47	0.06
Bell-2-Gober	40423	5-EV	2452.00	211.96	219.04		219.05	0.000093	0.64	3858.34	618.93	0.04
Bell-2-Gober	40423	2-EV	603.00	211.96	215.56		215.57	0.000060	0.33	1806.30	561.77	0.03
Bell-2-Gober	40273	100-EV	20371.00	212.00	227.09		227.77	0.015942	6.64	3067.12	839.84	0.61
Bell-2-Gober	40273	50-EV	17889.00	212.00	226.49		227.24	0.020846	6.95	2574.69	806.02	0.69
Bell-2-Gober	40273	25-EV	14949.00	212.00	225.49		226.45	0.024588	7.86	1902.04	546.42	0.74
Bell-2-Gober	40273	10-EV	7112.00	212.00	221.99		222.93	0.007454	7.74	918.40	127.57	0.51
Bell-2-Gober	40273	5-EV	2452.00	212.00	218.65		218.97	0.003784	4.56	537.89	101.99	0.35
Bell-2-Gober	40273	2-EV	603.00	212.00	215.43		215.53	0.002649	2.53	238.02	84.18	0.27
Bell-2-Gober	40123	100-EV	20371.00	212.00	225.68		226.46	0.005443	7.09	2872.41	470.29	0.51
Bell-2-Gober	40123	50-EV	17889.00	212.00	225.12		225.84	0.005181	6.82	2621.58	430.14	0.49
Bell-2-Gober	40123	25-EV	14949.00	212.00	224.24		224.92	0.005117	6.59	2268.06	373.83	0.47
Bell-2-Gober	40123	10-EV	7112.00	212.00	221.57		221.97	0.003951	5.10	1393.51	282.76	0.41
Bell-2-Gober	40123	5-EV	2452.00	212.00	218.11		218.36	0.004062	4.02	609.89	173.36	0.38
Bell-2-Gober	40123	2-EV	603.00	212.00	215.08		215.16	0.002177	2.22	271.65	101.25	0.24
Bell-2-Gober	39973	100-EV	20371.00	212.00	224.99		225.62	0.005190	6.36	3203.21	597.39	0.48
Bell-2-Gober	39973	50-EV	17889.00	212.00	224.44		225.04	0.005099	6.20	2885.17	559.09	0.48
Bell-2-Gober	39973	25-EV	14949.00	212.00	223.53		224.11	0.005254	6.13	2436.99	433.39	0.46
Bell-2-Gober	39973	10-EV	7112.00	212.00	220.98		221.32	0.004524	4.71	1508.48	322.34	0.38
Bell-2-Gober	39973	5-EV	2452.00	212.00	217.47		217.74	0.004277	4.15	591.24	175.57	0.40
Bell-2-Gober	39973	2-EV	603.00	212.00	214.63		214.73	0.003877	2.61	231.28	104.79	0.31
Gober-2-Chiq	39524	100-EV	20348.00	210.00	223.02		223.37	0.004454	4.74	4290.95	762.11	0.35
Gober-2-Chiq	39524	50-EV	17869.00	210.00	222.43		222.77	0.004652	4.64	3850.12	729.82	0.36
Gober-2-Chiq	39524	25-EV	14932.00	210.00	221.50		221.83	0.004585	4.64	3219.85	596.42	0.35
Gober-2-Chiq	39524	10-EV	7068.00	210.00	218.81		219.05	0.005517	3.94	1793.34	477.86	0.36
Gober-2-Chiq	39524	5-EV	2559.00	210.00	215.38		215.59	0.005276	3.64	702.93	217.41	0.36
Gober-2-Chiq	39524	2-EV	657.00	210.00	212.56		212.68	0.005395	2.77	237.51	120.52	0.35
Gober-2-Chiq	39298	100-EV	21742.00	208.00	221.28		221.98	0.008423	6.67	3260.10	549.48	0.48
Gober-2-Chiq	39298	50-EV	19095.00	208.00	220.64		221.31	0.008842	6.55	2914.09	524.76	0.49
Gober-2-Chiq	39298	25-EV	15912.00	208.00	219.83		220.45	0.008023	6.31	2523.50	440.40	0.46
Gober-2-Chiq	39298	10-EV	7413.00	208.00	217.48		217.81	0.005412	4.62	1602.91	319.37	0.36
Gober-2-Chiq	39298	5-EV	2767.00	208.00	214.45		214.64	0.003419	3.54	781.77	195.25	0.31
Gober-2-Chiq	39298	2-EV	722.00	208.00	211.93		212.00	0.001919	1.99	362.51	145.05	0.22
Gober-2-Chiq	39147	100-EV	21742.00	208.00	219.78		220.55	0.010666	7.03	3094.83	517.19	0.51
Gober-2-Chiq	39147	50-EV	19095.00	208.00	218.99		219.76	0.011858	7.08	2697.92	485.38	0.53
Gober-2-Chiq	39147	25-EV	15912.00	208.00	218.33		219.02	0.011358	6.67	2387.37	457.71	0.51
Gober-2-Chiq	39147	10-EV	7413.00	208.00	216.29		216.68	0.010965	5.02	1477.38	432.36	0.48
Gober-2-Chiq	39147	5-EV	2767.00	208.00	213.58		213.87	0.008314	4.33	639.62	225.78	0.45
Gober-2-Chiq	39147	2-EV	722.00	208.00	211.37		211.50	0.006535	2.94	245.18	136.96	0.39
Gober-2-Chiq	38998	100-EV	21742.00	208.00	218.47		218.95	0.009617	5.54	3924.33	867.43	0.46
Gober-2-Chiq	38998	50-EV	19095.00	208.00	217.77		218.26	0.007755	5.63	3393.38	614.58	0.42
Gober-2-Chiq	38998	25-EV	15912.00	208.00	217.06		217.50	0.008271	5.37	2960.68	603.55	0.43
Gober-2-Chiq	38998	10-EV	7413.00	208.00	214.88		215.18	0.008888	4.35	1704.59	526.72	0.43
Gober-2-Chiq	38998	5-EV	2767.00	208.00	212.12		212.41	0.011649	4.31	641.43	266.91	0.49
Gober-2-Chiq	38998	2-EV	722.00	208.00	210.09		210.24	0.011272	3.16	228.76	154.30	0.46
Gober-2-Chiq	38848	100-EV	21742.00	206.00	217.59		217.89	0.004944	4.43	4912.84	922.32	0.34
Gober-2-Chiq	38848	50-EV	19095.00	206.00	216.96		217.26	0.005238	4.39	4350.59	863.19	0.34
Gober-2-Chiq	38848	25-EV	15912.00	206.00	216.23		216.50	0.005018	4.23	3757.73	760.56	0.34
Gober-2-Chiq	38848	10-EV	7413.00	206.00	213.93		214.12	0.005411	3.48	2130.35	624.50	0.33
Gober-2-Chiq	38848	5-EV	2767.00	206.00	210.86		211.06	0.006903	3.58	772.98	296.53	0.39
Gober-2-Chiq	38848	2-EV	722.00	206.00	208.20		208.38	0.013743	3.44	210.01	162.48	0.53
Gober-2-Chiq	38665	100-EV	21742.00	204.00	216.52		216.91	0.005701	5.03	4323.85	765.37	0.37
Gober-2-Chiq	38665	50-EV	19095.00	204.00	215.89		216.27	0.005505	4.95	3859.85	689.05	0.37
Gober-2-Chiq	38665	25-EV	15912.00	204.00	215.14		215.49	0.005996	4.75	3352.10	681.52	0.38
Gober-2-Chiq	38665	10-EV	7413.00	204.00	212.65		212.93	0.007854	4.22	1755.32	554.15	0.42
Gober-2-Chiq	38665	5-EV	2767.00	204.00	209.91		210.09	0.004121	3.39	815.37	247.77	0.33
Gober-2-Chiq	38665	2-EV	722.00	204.00	207.48		207.56	0.002102	2.20	328.21	121.24	0.24
Gober-2-Chiq	38398	100-EV	21742.00	204.00	215.49		215.85	0.002882	4.77	4559.80	756.62	0.34
Gober-2-Chiq	38398	50-EV	19095.00	204.00	214.86		215.20	0.002968	4.67	4090.14	727.32	0.35
Gober-2-Chiq	38398	25-EV	15912.00	204.00	214.05		214.37	0.003072	4.53	3515.38	694.42	0.35
Gober-2-Chiq	38398	10-EV	7413.00	204.00	211.35		211.61	0.003356	4.07	1822.40	427.39	0.35
Gober-2-Chiq	38398	5-EV	2767.00	204.00	208.67		208.85	0.005282	3.40	814.34	329.40	0.38
Gober-2-Chiq	38398	2-EV	722.00	204.00	206.51		206.62	0.006970	2.57	281.10	202.39	0.38
Gober-2-Chiq	38173	100-EV	21742.00	202.00	214.61		215.08	0.003926	5.49	3958.95	668.06	0.40
Gober-2-Chiq	38173	50-EV	19095.00	202.00	213.95		214.41	0.004105	5.42	3520.80	607.97	0.40
Gober-2-Chiq	38173	25-EV	15912.00	202.00	213.11		213.54	0.004386	5.27	3017.88	593.07	0.41
Gober-2-Chiq	38173	10-EV	7413.00	202.00	210.21		210.63	0.005664	5.18	1429.74	395.56	0.48

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Gober-2-Chiq	38173	5-EV	2767.00	202.00	207.30		207.58	0.005869	4.28	646.40	189.71	0.41
Gober-2-Chiq	38173	2-EV	722.00	202.00	204.99		205.12	0.006379	2.82	255.92	149.75	0.38
Gober-2-Chiq	38023	100-EV	21742.00	202.00	213.94		214.48	0.004078	5.86	3707.91	573.36	0.41
Gober-2-Chiq	38023	50-EV	19095.00	202.00	213.27		213.78	0.004218	5.75	3323.73	559.50	0.42
Gober-2-Chiq	38023	25-EV	15912.00	202.00	212.39		212.88	0.004424	5.61	2837.86	544.52	0.43
Gober-2-Chiq	38023	10-EV	7413.00	202.00	209.44		209.87	0.004574	5.26	1408.86	301.37	0.43
Gober-2-Chiq	38023	5-EV	2767.00	202.00	206.62		206.85	0.004034	3.80	728.73	193.05	0.34
Gober-2-Chiq	38023	2-EV	722.00	202.00	204.04		204.15	0.006503	2.65	272.40	165.83	0.36
Gober-2-Chiq	37873	100-EV	21742.00	200.00	213.26		213.84	0.004290	6.12	3552.98	482.67	0.40
Gober-2-Chiq	37873	50-EV	19095.00	200.00	212.60		213.14	0.004272	5.90	3236.04	468.82	0.40
Gober-2-Chiq	37873	25-EV	15912.00	200.00	211.73		212.22	0.004245	5.61	2836.15	459.61	0.40
Gober-2-Chiq	37873	10-EV	7413.00	200.00	208.87		209.22	0.003840	4.71	1575.24	409.34	0.42
Gober-2-Chiq	37873	5-EV	2767.00	200.00	206.18		206.35	0.002604	3.29	841.26	202.98	0.28
Gober-2-Chiq	37873	2-EV	722.00	200.00	203.60		203.65	0.001907	1.86	388.51	154.47	0.21
Gober-2-Chiq	37722	100-EV	21742.00	200.00	212.62		213.19	0.004377	6.08	3577.74	517.06	0.41
Gober-2-Chiq	37722	50-EV	19095.00	200.00	211.95		212.49	0.004310	5.88	3245.90	482.33	0.40
Gober-2-Chiq	37722	25-EV	15912.00	200.00	211.10		211.58	0.004223	5.60	2843.74	461.67	0.40
Gober-2-Chiq	37722	10-EV	7413.00	200.00	208.28		208.62	0.004102	4.66	1589.07	428.27	0.43
Gober-2-Chiq	37722	5-EV	2767.00	200.00	205.70		205.90	0.003296	3.58	773.30	211.87	0.33
Gober-2-Chiq	37722	2-EV	722.00	200.00	203.23		203.31	0.002736	2.21	326.26	148.59	0.26
Gober-2-Chiq	37498	100-EV	21742.00	200.00	211.84		212.27	0.003505	5.26	4134.65	509.56	0.33
Gober-2-Chiq	37498	50-EV	19095.00	200.00	211.18		211.57	0.003529	5.03	3799.95	505.52	0.32
Gober-2-Chiq	37498	25-EV	15912.00	200.00	210.32		210.67	0.003582	4.72	3369.52	499.56	0.32
Gober-2-Chiq	37498	10-EV	7413.00	200.00	207.35		207.58	0.004864	3.88	1909.23	483.08	0.34
Gober-2-Chiq	37498	5-EV	2767.00	200.00	204.87		205.03	0.004507	3.15	879.41	320.32	0.33
Gober-2-Chiq	37498	2-EV	722.00	200.00	202.45		202.54	0.004282	2.41	299.53	164.88	0.32
Gober-2-Chiq	37185	100-EV	21742.00	198.00	210.55		210.95	0.005118	5.11	4258.62	457.28	0.29
Gober-2-Chiq	37185	50-EV	19095.00	198.00	209.91		210.27	0.004952	4.81	3967.80	452.66	0.29
Gober-2-Chiq	37185	25-EV	15912.00	198.00	209.08		209.38	0.004718	4.43	3595.59	443.50	0.27
Gober-2-Chiq	37185	10-EV	7413.00	198.00	205.81		205.99	0.005277	3.40	2180.00	426.83	0.27
Gober-2-Chiq	37185	5-EV	2767.00	198.00	203.20		203.30	0.006859	2.55	1086.49	392.17	0.27
Gober-2-Chiq	37185	2-EV	722.00	198.00	201.13		201.17	0.004502	1.66	434.67	201.76	0.20
Gober-2-Chiq	37081	100-EV	21742.00	197.94	209.91		210.40	0.005271	5.63	3859.00	425.53	0.33
Gober-2-Chiq	37081	50-EV	19095.00	197.94	209.30		209.74	0.005074	5.30	3600.91	423.67	0.32
Gober-2-Chiq	37081	25-EV	15912.00	197.94	208.51		208.88	0.004817	4.87	3266.42	421.26	0.31
Gober-2-Chiq	37081	10-EV	7413.00	197.94	205.17		205.41	0.005722	3.92	1889.60	386.78	0.31
Gober-2-Chiq	37081	5-EV	2767.00	197.94	202.37		202.52	0.008185	3.06	904.67	337.04	0.33
Gober-2-Chiq	37081	2-EV	722.00	197.94	200.34		200.42	0.012961	2.25	320.99	226.98	0.33
Gober-2-Chiq	36981	100-EV	21742.00	196.00	209.22		209.82	0.006304	6.18	3515.98	448.19	0.39
Gober-2-Chiq	36981	50-EV	19095.00	196.00	208.64		209.17	0.006104	5.87	3254.58	446.24	0.38
Gober-2-Chiq	36981	25-EV	15912.00	196.00	207.88		208.34	0.005799	5.46	2916.91	442.08	0.37
Gober-2-Chiq	36981	10-EV	7413.00	196.00	204.50		204.81	0.006213	4.44	1670.68	293.28	0.33
Gober-2-Chiq	36981	5-EV	2767.00	196.00	201.51		201.69	0.008236	3.42	809.71	267.58	0.35
Gober-2-Chiq	36981	2-EV	722.00	196.00	199.41		199.49	0.007089	2.30	314.39	178.71	0.31
Gober-2-Chiq	36880	100-EV	21742.00	196.00	208.50		209.14	0.007081	6.44	3373.66	473.61	0.43
Gober-2-Chiq	36880	50-EV	19095.00	196.00	207.91		208.50	0.007197	6.16	3097.66	472.18	0.42
Gober-2-Chiq	36880	25-EV	15912.00	196.00	207.15		207.68	0.007446	5.81	2740.10	470.32	0.42
Gober-2-Chiq	36880	10-EV	7413.00	196.00	203.73		204.16	0.006411	5.29	1402.40	240.23	0.39
Gober-2-Chiq	36880	5-EV	2767.00	196.00	200.78		200.99	0.005924	3.72	744.53	212.71	0.35
Gober-2-Chiq	36880	2-EV	722.00	196.00	198.81		198.88	0.005195	2.15	335.21	201.27	0.29
Gober-2-Chiq	36780	100-EV	21742.00	196.00	207.81		208.45	0.006774	6.40	3397.46	500.36	0.43
Gober-2-Chiq	36780	50-EV	19095.00	196.00	207.19		207.79	0.007112	6.18	3089.55	498.86	0.44
Gober-2-Chiq	36780	25-EV	15912.00	196.00	206.36		206.91	0.007933	5.95	2672.36	496.84	0.45
Gober-2-Chiq	36780	10-EV	7413.00	196.00	202.98		203.47	0.007246	5.65	1312.02	275.23	0.46
Gober-2-Chiq	36780	5-EV	2767.00	196.00	200.18		200.43	0.005206	4.02	688.47	201.80	0.38
Gober-2-Chiq	36780	2-EV	722.00	196.00	198.33		198.41	0.004325	2.25	320.25	195.35	0.31
Gober-2-Chiq	36680	100-EV	21742.00	195.82	207.14		207.85	0.005040	6.79	3201.71	476.26	0.46
Gober-2-Chiq	36680	50-EV	19095.00	195.82	206.51		207.18	0.005040	6.58	2903.34	474.37	0.47
Gober-2-Chiq	36680	25-EV	15912.00	195.82	205.62		206.26	0.005197	6.41	2483.15	471.72	0.49
Gober-2-Chiq	36680	10-EV	7413.00	195.82	202.19		202.77	0.006566	6.10	1215.06	266.36	0.50
Gober-2-Chiq	36680	5-EV	2767.00	195.82	199.60		199.87	0.006008	4.17	663.49	204.75	0.41
Gober-2-Chiq	36680	2-EV	722.00	195.82	197.86		197.94	0.004869	2.31	311.93	199.95	0.33
Gober-2-Chiq	36579	100-EV	21742.00	195.56	206.54		207.21	0.007983	6.58	3304.88	518.07	0.46
Gober-2-Chiq	36579	50-EV	19095.00	195.56	205.90		206.54	0.007994	6.40	2981.56	488.10	0.46
Gober-2-Chiq	36579	25-EV	15912.00	195.56	204.95		205.57	0.009384	6.31	2521.31	477.01	0.48
Gober-2-Chiq	36579	10-EV	7413.00	195.56	201.51		202.02	0.008220	5.72	1295.42	275.75	0.47
Gober-2-Chiq	36579	5-EV	2767.00	195.56	198.95		199.22	0.006993	4.17	663.11	223.49	0.43
Gober-2-Chiq	36579	2-EV	722.00	195.56	197.24		197.34	0.007491	2.53	285.76	218.03	0.39
Gober-2-Chiq	36478	100-EV	21742.00	194.00	205.70		206.31	0.009633	6.23	3491.28	647.42	0.47

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Gober-2-Chiq	36478	50-EV	19095.00	194.00	204.93		205.56	0.011908	6.37	2996.10	636.22	0.52
Gober-2-Chiq	36478	25-EV	15912.00	194.00	203.94		204.64	0.008932	6.67	2384.81	412.48	0.49
Gober-2-Chiq	36478	10-EV	7413.00	194.00	200.73		201.23	0.007399	5.66	1310.13	261.56	0.45
Gober-2-Chiq	36478	5-EV	2767.00	194.00	198.25		198.50	0.007134	4.03	685.93	235.18	0.42
Gober-2-Chiq	36478	2-EV	722.00	194.00	196.57		196.65	0.006094	2.38	303.93	208.65	0.35
Gober-2-Chiq	36375	100-EV	21742.00	194.00	204.25		205.04	0.015634	7.12	3051.86	675.14	0.59
Gober-2-Chiq	36375	50-EV	19095.00	194.00	203.53		204.33	0.011673	7.17	2661.91	472.96	0.53
Gober-2-Chiq	36375	25-EV	15912.00	194.00	202.84		203.56	0.012244	6.81	2337.26	466.15	0.54
Gober-2-Chiq	36375	10-EV	7413.00	194.00	199.87		200.40	0.008753	5.80	1277.34	261.79	0.46
Gober-2-Chiq	36375	5-EV	2767.00	194.00	197.42		197.69	0.008574	4.18	661.22	230.94	0.44
Gober-2-Chiq	36375	2-EV	722.00	194.00	195.43		195.60	0.020185	3.33	216.90	209.73	0.58
Gober-2-Chiq	36277	100-EV	21742.00	192.00	203.30		204.09	0.006597	7.15	3042.73	623.73	0.57
Gober-2-Chiq	36277	50-EV	19095.00	192.00	202.70		203.48	0.006623	7.08	2697.83	568.94	0.57
Gober-2-Chiq	36277	25-EV	15912.00	192.00	201.97		202.72	0.006348	6.94	2291.47	390.48	0.51
Gober-2-Chiq	36277	10-EV	7413.00	192.00	199.29		199.73	0.005060	5.32	1393.15	281.00	0.42
Gober-2-Chiq	36277	5-EV	2767.00	192.00	196.98		197.16	0.003445	3.41	810.78	232.12	0.32
Gober-2-Chiq	36277	2-EV	722.00	192.00	195.05		195.10	0.002074	1.82	396.49	200.71	0.23
Gober-2-Chiq	36174	100-EV	21742.00	191.99	202.75		203.37	0.006328	6.34	3431.02	836.69	0.55
Gober-2-Chiq	36174	50-EV	19095.00	191.99	202.12		202.77	0.006470	6.48	2944.79	638.68	0.53
Gober-2-Chiq	36174	25-EV	15912.00	191.99	201.40		202.02	0.006409	6.31	2520.43	574.88	0.53
Gober-2-Chiq	36174	10-EV	7413.00	191.99	198.76		199.16	0.005879	5.07	1462.36	335.39	0.43
Gober-2-Chiq	36174	5-EV	2767.00	191.99	196.55		196.74	0.004847	3.47	796.90	266.03	0.35
Gober-2-Chiq	36174	2-EV	722.00	191.99	194.69		194.77	0.005467	2.23	324.26	248.27	0.34
Gober-2-Chiq	36073	100-EV	21742.00	192.00	202.19		202.66	0.006825	5.50	3954.49	937.37	0.47
Gober-2-Chiq	36073	50-EV	19095.00	192.00	201.56		202.04	0.006974	5.56	3431.76	751.01	0.46
Gober-2-Chiq	36073	25-EV	15912.00	192.00	200.82		201.29	0.007269	5.48	2901.69	688.63	0.47
Gober-2-Chiq	36073	10-EV	7413.00	192.00	198.20		198.51	0.006397	4.48	1653.20	380.01	0.38
Gober-2-Chiq	36073	5-EV	2767.00	192.00	196.11		196.25	0.004674	3.02	915.98	346.51	0.33
Gober-2-Chiq	36073	2-EV	722.00	192.00	194.25		194.31	0.003776	1.95	369.63	288.60	0.30
Gober-2-Chiq	35973	100-EV	21742.00	191.10	201.46		201.98	0.006644	5.80	3746.70	719.90	0.45
Gober-2-Chiq	35973	50-EV	19095.00	191.10	200.82		201.34	0.006934	5.78	3303.79	650.66	0.45
Gober-2-Chiq	35973	25-EV	15912.00	191.10	200.08		200.57	0.007103	5.60	2838.97	605.66	0.46
Gober-2-Chiq	35973	10-EV	7413.00	191.10	197.54		197.87	0.006475	4.56	1623.89	377.36	0.39
Gober-2-Chiq	35973	5-EV	2767.00	191.10	195.59		195.74	0.005623	3.11	890.56	371.71	0.35
Gober-2-Chiq	35973	2-EV	722.00	191.10	193.72		193.83	0.006234	2.67	270.51	185.12	0.39
Gober-2-Chiq	35865	100-EV	21742.00	190.00	200.58	197.21	201.22	0.007243	6.41	3390.56	590.36	0.42
Gober-2-Chiq	35865	50-EV	19095.00	190.00	199.97	196.83	200.56	0.007433	6.15	3104.63	479.71	0.42
Gober-2-Chiq	35865	25-EV	15912.00	190.00	199.27	196.33	199.78	0.007362	5.72	2783.06	460.94	0.41
Gober-2-Chiq	35865	10-EV	7413.00	190.00	196.78	194.80	197.09	0.007920	4.45	1666.42	422.54	0.39
Gober-2-Chiq	35865	5-EV	2767.00	190.00	194.89	193.26	195.03	0.007510	3.06	905.54	387.00	0.35
Gober-2-Chiq	35865	2-EV	722.00	190.00	193.13	191.51	193.20	0.005112	2.06	351.34	222.71	0.29
Gober-2-Chiq	35758	100-EV	21742.00	189.44	199.40	196.53	200.22	0.012031	7.27	2988.65	581.41	0.53
Gober-2-Chiq	35758	50-EV	19095.00	189.44	198.70	196.14	199.51	0.012750	7.24	2639.09	516.44	0.54
Gober-2-Chiq	35758	25-EV	15912.00	189.44	198.02	195.63	198.75	0.012705	6.85	2322.31	468.97	0.53
Gober-2-Chiq	35758	10-EV	7413.00	189.44	195.74	194.08	196.14	0.009858	5.04	1470.17	371.13	0.45
Gober-2-Chiq	35758	5-EV	2767.00	189.44	193.96	192.77	194.14	0.009407	3.41	812.08	359.10	0.40
Gober-2-Chiq	35758	2-EV	722.00	189.44	192.07	190.90	192.22	0.020451	3.11	231.91	211.32	0.52
Gober-2-Chiq	35661	100-EV	21742.00	188.00	198.37	195.43	199.13	0.010184	7.00	3104.57	563.14	0.50
Gober-2-Chiq	35661	50-EV	19095.00	188.00	197.72	195.06	198.45	0.009086	6.84	2791.22	467.48	0.48
Gober-2-Chiq	35661	25-EV	15912.00	188.00	197.08	194.58	197.70	0.008716	6.34	2509.72	437.10	0.46
Gober-2-Chiq	35661	10-EV	7413.00	188.00	194.97	193.12	195.29	0.007451	4.55	1629.16	409.46	0.40
Gober-2-Chiq	35661	5-EV	2767.00	188.00	193.22	191.44	193.36	0.006770	3.01	920.68	401.75	0.35
Gober-2-Chiq	35661	2-EV	722.00	188.00	191.20	189.79	191.28	0.005414	2.39	302.14	161.16	0.31
Gober-2-Chiq	35556	100-EV	21742.00	188.00	197.53	194.49	198.18	0.007636	6.42	3384.20	594.00	0.46
Gober-2-Chiq	35556	50-EV	19095.00	188.00	196.94	194.15	197.55	0.007558	6.22	3068.41	559.02	0.45
Gober-2-Chiq	35556	25-EV	15912.00	188.00	196.35	193.72	196.86	0.006841	5.75	2767.05	524.77	0.43
Gober-2-Chiq	35556	10-EV	7413.00	188.00	194.35	192.37	194.61	0.005379	4.05	1831.44	463.19	0.36
Gober-2-Chiq	35556	5-EV	2767.00	188.00	192.66	190.61	192.77	0.004627	2.63	1053.13	456.18	0.30
Gober-2-Chiq	35556	2-EV	722.00	188.00	190.90	189.03	190.94	0.002028	1.60	450.20	240.23	0.21
Gober-2-Chiq	35449	100-EV	21742.00	188.00	196.23	194.37	197.08	0.013546	7.41	2933.56	639.33	0.59
Gober-2-Chiq	35449	50-EV	19095.00	188.00	195.72	194.05	196.53	0.011710	7.21	2649.52	544.33	0.56
Gober-2-Chiq	35449	25-EV	15912.00	188.00	195.24	193.58	195.92	0.011244	6.63	2399.65	538.15	0.54
Gober-2-Chiq	35449	10-EV	7413.00	188.00	193.46	192.13	193.84	0.009722	4.93	1503.41	468.08	0.49
Gober-2-Chiq	35449	5-EV	2767.00	188.00	191.92	190.88	192.10	0.008618	3.40	814.54	419.09	0.43
Gober-2-Chiq	35449	2-EV	722.00	188.00	190.42	189.39	190.52	0.010506	2.51	287.92	277.58	0.43
Gober-2-Chiq	35351	100-EV	21742.00	188.00	194.34	193.49	195.43	0.021213	8.38	2594.73	670.72	0.73
Gober-2-Chiq	35351	50-EV	19095.00	188.00	193.98	193.15	194.99	0.021657	8.07	2364.84	625.04	0.73
Gober-2-Chiq	35351	25-EV	15912.00	188.00	193.50	192.72	194.42	0.021541	7.68	2071.59	597.62	0.73
Gober-2-Chiq	35351	10-EV	7413.00	188.00	191.98	191.26	192.53	0.018856	5.97	1240.91	489.42	0.66
Gober-2-Chiq	35351	5-EV	2767.00	188.00	190.60	189.85	190.90	0.018780	4.39	630.92	396.69	0.61

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Gober-2-Chiq	35351	2-EV	722.00	188.00	189.29	188.78	189.42	0.012155	2.81	256.84	217.01	0.46
Chiq-2-Oso	35120	100-EV	21935.00	185.94	193.37	191.39	193.95	0.007659	6.11	3590.42	711.61	0.48
Chiq-2-Oso	35120	50-EV	19265.00	185.94	192.97	191.13	193.50	0.007724	5.82	3308.79	709.87	0.48
Chiq-2-Oso	35120	25-EV	16050.00	185.94	192.47	190.80	192.93	0.007786	5.43	2953.85	707.79	0.47
Chiq-2-Oso	35120	10-EV	7427.00	185.94	190.90	189.57	191.15	0.007890	4.03	1844.47	701.78	0.44
Chiq-2-Oso	35120	5-EV	2767.00	185.94	189.60	188.59	189.72	0.006289	2.77	998.45	555.73	0.36
Chiq-2-Oso	35120	2-EV	703.00	185.94	188.38	187.17	188.43	0.006423	1.82	385.38	421.79	0.34
Chiq-2-Oso	35014	100-EV	21935.00	186.00	192.69	190.54	193.20	0.006208	5.73	3831.16	750.97	0.45
Chiq-2-Oso	35014	50-EV	19265.00	186.00	192.28	190.28	192.74	0.006300	5.47	3523.18	748.24	0.44
Chiq-2-Oso	35014	25-EV	16050.00	186.00	191.76	189.96	192.17	0.006399	5.12	3136.87	745.00	0.44
Chiq-2-Oso	35014	10-EV	7427.00	186.00	190.16	188.94	190.38	0.006494	3.80	1952.48	735.67	0.41
Chiq-2-Oso	35014	5-EV	2767.00	186.00	188.98	188.10	189.08	0.005658	2.52	1098.59	711.11	0.36
Chiq-2-Oso	35014	2-EV	703.00	186.00	187.34	186.90	187.46	0.013783	2.84	247.19	255.42	0.51
Chiq-2-Oso	34912	100-EV	21935.00	184.00	192.05	189.92	192.55	0.006392	5.71	3841.85	765.26	0.45
Chiq-2-Oso	34912	50-EV	19265.00	184.00	191.62	189.67	192.08	0.006595	5.48	3516.54	755.59	0.45
Chiq-2-Oso	34912	25-EV	16050.00	184.00	191.07	189.35	191.49	0.006887	5.17	3106.10	753.58	0.45
Chiq-2-Oso	34912	10-EV	7427.00	184.00	189.37	188.36	189.63	0.008473	4.06	1829.27	747.21	0.46
Chiq-2-Oso	34912	5-EV	2767.00	184.00	188.13	186.77	188.27	0.011709	3.04	908.82	730.56	0.48
Chiq-2-Oso	34912	2-EV	703.00	184.00	186.49	185.48	186.56	0.005962	2.18	321.77	246.35	0.34
Chiq-2-Oso	34804	100-EV	21935.00	184.00	191.45	188.85	191.89	0.005587	5.38	4080.85	728.51	0.40
Chiq-2-Oso	34804	50-EV	19265.00	184.00	191.00	188.60	191.41	0.005635	5.12	3759.21	726.07	0.40
Chiq-2-Oso	34804	25-EV	16050.00	184.00	190.44	188.27	190.80	0.005686	4.79	3353.97	723.47	0.39
Chiq-2-Oso	34804	10-EV	7427.00	184.00	188.64	187.17	188.85	0.006100	3.61	2057.29	715.90	0.38
Chiq-2-Oso	34804	5-EV	2767.00	184.00	187.30	186.28	187.39	0.005861	2.49	1112.51	654.97	0.34
Chiq-2-Oso	34804	2-EV	703.00	184.00	185.73	184.86	185.81	0.008295	2.26	310.58	233.32	0.35
Chiq-2-Oso	34699	100-EV	21935.00	182.00	190.78	188.35	191.26	0.006467	5.59	3925.17	715.06	0.42
Chiq-2-Oso	34699	50-EV	19265.00	182.00	190.32	188.09	190.77	0.006624	5.35	3601.87	713.80	0.42
Chiq-2-Oso	34699	25-EV	16050.00	182.00	189.75	187.71	190.14	0.006840	5.03	3193.60	712.31	0.42
Chiq-2-Oso	34699	10-EV	7427.00	182.00	187.85	186.62	188.10	0.008216	4.02	1849.02	677.22	0.43
Chiq-2-Oso	34699	5-EV	2767.00	182.00	186.42	185.22	186.57	0.010926	3.04	909.70	642.48	0.45
Chiq-2-Oso	34699	2-EV	703.00	182.00	185.03	184.17	185.09	0.005799	2.02	348.67	258.69	0.31
Chiq-2-Oso	34603	100-EV	21935.00	182.00	190.38		190.72	0.004268	4.70	4662.17	786.46	0.34
Chiq-2-Oso	34603	50-EV	19265.00	182.00	189.91		190.22	0.004303	4.48	4295.87	784.30	0.34
Chiq-2-Oso	34603	25-EV	16050.00	182.00	189.32		189.59	0.004327	4.19	3834.43	780.85	0.33
Chiq-2-Oso	34603	10-EV	7427.00	182.00	187.30		187.47	0.005025	3.26	2279.36	758.84	0.33
Chiq-2-Oso	34603	5-EV	2767.00	182.00	185.79		185.88	0.004904	2.40	1154.08	643.58	0.32
Chiq-2-Oso	34603	2-EV	703.00	182.00	184.50		184.54	0.005644	1.64	429.12	476.94	0.30
Chiq-2-Oso	34503	100-EV	21935.00	182.00	189.89	186.80	190.26	0.004910	4.85	4522.52	799.20	0.36
Chiq-2-Oso	34503	50-EV	19265.00	182.00	189.41	186.53	189.75	0.005067	4.65	4140.96	798.24	0.36
Chiq-2-Oso	34503	25-EV	16050.00	182.00	188.81	186.18	189.11	0.005295	4.39	3658.91	797.03	0.36
Chiq-2-Oso	34503	10-EV	7427.00	182.00	186.78	185.09	186.96	0.004972	3.43	2164.10	689.94	0.34
Chiq-2-Oso	34503	5-EV	2767.00	182.00	185.30	184.25	185.39	0.004805	2.36	1172.83	651.72	0.31
Chiq-2-Oso	34503	2-EV	703.00	182.00	183.91	182.95	183.98	0.005569	2.03	346.17	299.51	0.33
Chiq-2-Oso	34398	100-EV	21935.00	182.00	189.38		189.74	0.005026	4.81	4560.98	825.78	0.36
Chiq-2-Oso	34398	50-EV	19265.00	182.00	188.87		189.21	0.005315	4.65	4144.52	824.42	0.37
Chiq-2-Oso	34398	25-EV	16050.00	182.00	188.22		188.53	0.005834	4.45	3607.13	822.69	0.37
Chiq-2-Oso	34398	10-EV	7427.00	182.00	186.16		186.36	0.006561	3.66	2027.40	716.88	0.38
Chiq-2-Oso	34398	5-EV	2767.00	182.00	184.70		184.80	0.006555	2.62	1057.19	634.12	0.36
Chiq-2-Oso	34398	2-EV	703.00	182.00	183.05		183.15	0.012233	2.45	286.61	337.83	0.47
Chiq-2-Oso	34296	100-EV	21935.00	180.00	188.97		189.31	0.003420	4.66	4704.14	763.30	0.33
Chiq-2-Oso	34296	50-EV	19265.00	180.00	188.45		188.76	0.003526	4.47	4307.24	761.70	0.33
Chiq-2-Oso	34296	25-EV	16050.00	180.00	187.77		188.05	0.003725	4.24	3787.86	758.16	0.33
Chiq-2-Oso	34296	10-EV	7427.00	180.00	185.61		185.79	0.004709	3.41	2178.99	724.00	0.35
Chiq-2-Oso	34296	5-EV	2767.00	180.00	184.13		184.22	0.004939	2.43	1138.85	649.97	0.32
Chiq-2-Oso	34296	2-EV	703.00	180.00	182.38		182.43	0.004365	1.76	399.96	337.36	0.28
Chiq-2-Oso	34194	100-EV	21935.00	180.00	188.49		188.91	0.004432	5.17	4246.42	764.18	0.39
Chiq-2-Oso	34194	50-EV	19265.00	180.00	187.95		188.35	0.004620	5.02	3835.95	732.34	0.39
Chiq-2-Oso	34194	25-EV	16050.00	180.00	187.24		187.61	0.004948	4.82	3327.68	699.89	0.39
Chiq-2-Oso	34194	10-EV	7427.00	180.00	184.93		185.19	0.007348	4.12	1802.71	640.17	0.43
Chiq-2-Oso	34194	5-EV	2767.00	180.00	183.44		183.59	0.007886	3.10	893.84	524.20	0.42
Chiq-2-Oso	34194	2-EV	703.00	180.00	181.72		181.84	0.007978	2.78	252.95	167.59	0.40
Chiq-2-Oso	34095	100-EV	21935.00	178.21	188.12		188.50	0.003652	4.97	4415.20	737.52	0.36
Chiq-2-Oso	34095	50-EV	19265.00	178.21	187.56		187.92	0.003776	4.80	4010.74	724.44	0.36
Chiq-2-Oso	34095	25-EV	16050.00	178.21	186.82		187.15	0.004041	4.61	3480.63	705.50	0.37
Chiq-2-Oso	34095	10-EV	7427.00	178.21	184.30		184.54	0.005833	3.96	1875.63	593.87	0.39
Chiq-2-Oso	34095	5-EV	2767.00	178.21	182.62		182.77	0.008696	3.06	904.90	568.92	0.43
Chiq-2-Oso	34095	2-EV	703.00	178.21	181.06		181.14	0.005988	2.21	317.84	252.01	0.35
Chiq-2-Oso	33992	100-EV	21935.00	178.00	187.80		188.14	0.003148	4.69	4676.62	716.82	0.32
Chiq-2-Oso	33992	50-EV	19265.00	178.00	187.23		187.55	0.003245	4.51	4274.11	712.07	0.32

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	33992	25-EV	16050.00	178.00	186.47		186.75	0.003493	4.30	3729.87	705.36	0.33
Chiq-2-Oso	33992	10-EV	7427.00	178.00	183.78		183.99	0.004685	3.74	1987.52	575.24	0.35
Chiq-2-Oso	33992	5-EV	2767.00	178.00	181.94		182.07	0.005359	2.86	966.69	466.25	0.35
Chiq-2-Oso	33992	2-EV	703.00	178.00	180.52		180.58	0.004925	1.84	381.49	369.93	0.32
Chiq-2-Oso	33878	100-EV	21935.00	178.00	187.45		187.79	0.003002	4.64	4727.73	706.32	0.32
Chiq-2-Oso	33878	50-EV	19265.00	178.00	186.88		187.19	0.003072	4.45	4324.59	701.29	0.32
Chiq-2-Oso	33878	25-EV	16050.00	178.00	186.08		186.36	0.003296	4.26	3769.13	694.19	0.32
Chiq-2-Oso	33878	10-EV	7427.00	178.00	183.25		183.47	0.004508	3.76	1977.43	550.93	0.35
Chiq-2-Oso	33878	5-EV	2767.00	178.00	181.13		181.30	0.008660	3.25	851.51	508.38	0.44
Chiq-2-Oso	33878	2-EV	703.00	178.00	179.51		179.68	0.013722	3.26	215.87	161.98	0.50
Chiq-2-Oso	33773	100-EV	21935.00	176.00	187.11		187.46	0.003215	4.75	4615.60	712.24	0.33
Chiq-2-Oso	33773	50-EV	19265.00	176.00	186.53		186.85	0.003287	4.58	4202.97	705.78	0.33
Chiq-2-Oso	33773	25-EV	16050.00	176.00	185.72		186.02	0.003243	4.40	3649.05	655.37	0.33
Chiq-2-Oso	33773	10-EV	7427.00	176.00	182.88		183.08	0.003074	3.60	2065.06	449.51	0.30
Chiq-2-Oso	33773	5-EV	2767.00	176.00	180.63		180.73	0.003486	2.61	1061.21	443.49	0.30
Chiq-2-Oso	33773	2-EV	703.00	176.00	178.99		179.04	0.003164	1.75	402.27	325.62	0.28
Chiq-2-Oso	33669	100-EV	21935.00	176.00	186.62		187.03	0.005301	5.16	4250.47	731.79	0.38
Chiq-2-Oso	33669	50-EV	19265.00	176.00	186.00		186.40	0.005893	5.07	3798.68	727.91	0.39
Chiq-2-Oso	33669	25-EV	16050.00	176.00	185.19		185.57	0.005901	4.94	3246.68	652.20	0.39
Chiq-2-Oso	33669	10-EV	7427.00	176.00	182.41		182.67	0.004972	4.09	1817.72	440.36	0.35
Chiq-2-Oso	33669	5-EV	2767.00	176.00	180.08		180.24	0.006585	3.22	859.19	373.94	0.37
Chiq-2-Oso	33669	2-EV	703.00	176.00	178.34		178.44	0.013160	2.47	284.40	316.54	0.46
Chiq-2-Oso	33568	100-EV	21935.00	174.00	186.12		186.56	0.004059	5.34	4105.25	688.76	0.39
Chiq-2-Oso	33568	50-EV	19265.00	174.00	185.49		185.91	0.004014	5.20	3706.52	614.68	0.37
Chiq-2-Oso	33568	25-EV	16050.00	174.00	184.70		185.08	0.004021	4.97	3232.02	584.07	0.37
Chiq-2-Oso	33568	10-EV	7427.00	174.00	181.97		182.22	0.003894	4.04	1840.06	426.70	0.34
Chiq-2-Oso	33568	5-EV	2767.00	174.00	179.59		179.73	0.003961	3.02	916.22	335.18	0.32
Chiq-2-Oso	33568	2-EV	703.00	174.00	177.63		177.71	0.004514	2.20	320.12	260.77	0.35
Chiq-2-Oso	33458	100-EV	21935.00	174.00	185.50	181.55	186.06	0.004878	6.01	3650.78	472.17	0.38
Chiq-2-Oso	33458	50-EV	19265.00	174.00	184.91	181.09	185.41	0.004842	5.71	3373.19	468.60	0.38
Chiq-2-Oso	33458	25-EV	16050.00	174.00	184.15	180.49	184.59	0.004781	5.31	3021.36	464.02	0.37
Chiq-2-Oso	33458	10-EV	7427.00	174.00	181.49	178.69	181.75	0.004731	4.09	1817.88	414.60	0.34
Chiq-2-Oso	33458	5-EV	2767.00	174.00	179.18	177.08	179.30	0.003694	2.82	980.25	329.85	0.29
Chiq-2-Oso	33458	2-EV	703.00	174.00	177.29	175.79	177.34	0.002491	1.64	428.54	237.64	0.22
Chiq-2-Oso	33352	100-EV	22835.00	174.00	184.82	181.09	185.44	0.006858	6.31	3618.92	487.24	0.41
Chiq-2-Oso	33352	50-EV	20054.00	174.00	184.24	180.68	184.80	0.006805	6.01	3337.02	481.80	0.40
Chiq-2-Oso	33352	25-EV	16717.00	174.00	183.50	180.18	183.99	0.006723	5.61	2981.99	475.08	0.39
Chiq-2-Oso	33352	10-EV	7577.00	174.00	180.93	178.30	181.20	0.005760	4.15	1827.34	414.34	0.35
Chiq-2-Oso	33352	5-EV	2829.00	174.00	178.73	176.87	178.85	0.004891	2.84	997.34	348.90	0.30
Chiq-2-Oso	33352	2-EV	736.00	174.00	176.95	175.48	177.00	0.004211	1.68	437.82	283.77	0.24
Chiq-2-Oso	33244	100-EV	22835.00	174.00	184.16	180.19	184.73	0.006123	6.08	3753.70	537.76	0.38
Chiq-2-Oso	33244	50-EV	20054.00	174.00	183.59	179.81	184.10	0.005956	5.76	3483.62	473.36	0.37
Chiq-2-Oso	33244	25-EV	16717.00	174.00	182.87	179.32	183.31	0.005710	5.32	3144.39	467.61	0.36
Chiq-2-Oso	33244	10-EV	7577.00	174.00	180.41	177.74	180.63	0.004680	3.75	2022.40	443.09	0.31
Chiq-2-Oso	33244	5-EV	2829.00	174.00	178.23	176.46	178.34	0.004542	2.59	1091.22	411.27	0.28
Chiq-2-Oso	33244	2-EV	736.00	174.00	176.42	175.23	176.47	0.005792	1.74	423.98	331.74	0.27
Chiq-2-Oso	33144	100-EV	22835.00	173.69	183.58		184.15	0.005461	6.03	3789.45	586.24	0.42
Chiq-2-Oso	33144	50-EV	20054.00	173.69	183.00		183.52	0.005602	5.82	3445.92	583.21	0.42
Chiq-2-Oso	33144	25-EV	16717.00	173.69	182.24		182.72	0.005804	5.55	3009.37	579.34	0.43
Chiq-2-Oso	33144	10-EV	7577.00	173.69	179.72		180.07	0.006287	4.73	1600.86	462.45	0.45
Chiq-2-Oso	33144	5-EV	2829.00	173.69	177.64		177.81	0.005941	3.29	859.03	318.94	0.35
Chiq-2-Oso	33144	2-EV	736.00	173.69	175.74		175.83	0.006899	2.47	297.80	192.67	0.35
Chiq-2-Oso	33046	100-EV	22835.00	172.00	183.07		183.63	0.005098	5.97	3825.50	568.61	0.41
Chiq-2-Oso	33046	50-EV	20054.00	172.00	182.47		182.99	0.005241	5.75	3484.88	565.70	0.41
Chiq-2-Oso	33046	25-EV	16717.00	172.00	181.70		182.17	0.005464	5.48	3050.26	561.22	0.41
Chiq-2-Oso	33046	10-EV	7577.00	172.00	179.11		179.44	0.006530	4.61	1642.43	491.28	0.44
Chiq-2-Oso	33046	5-EV	2829.00	172.00	176.94		177.14	0.007877	3.60	785.76	324.52	0.41
Chiq-2-Oso	33046	2-EV	736.00	172.00	174.87		175.01	0.010520	2.91	252.99	181.66	0.43
Chiq-2-Oso	32945	100-EV	22835.00	172.00	182.71		183.17	0.003675	5.44	4194.06	554.12	0.35
Chiq-2-Oso	32945	50-EV	20054.00	172.00	182.10		182.52	0.003668	5.20	3860.22	551.22	0.35
Chiq-2-Oso	32945	25-EV	16717.00	172.00	181.33		181.70	0.003659	4.87	3433.69	547.56	0.34
Chiq-2-Oso	32945	10-EV	7577.00	172.00	178.71		178.93	0.003601	3.75	2020.65	530.22	0.34
Chiq-2-Oso	32945	5-EV	2829.00	172.00	176.48		176.61	0.003555	2.92	969.31	390.28	0.33
Chiq-2-Oso	32945	2-EV	736.00	172.00	174.37		174.43	0.003399	1.86	396.04	225.89	0.25
Chiq-2-Oso	32844	100-EV	22835.00	171.88	182.22		182.76	0.004259	5.89	3880.02	503.82	0.37
Chiq-2-Oso	32844	50-EV	20054.00	171.88	181.63		182.12	0.004212	5.60	3583.67	501.19	0.37
Chiq-2-Oso	32844	25-EV	16717.00	171.88	180.87		181.30	0.004147	5.22	3204.63	497.72	0.36
Chiq-2-Oso	32844	10-EV	7577.00	171.88	178.31		178.55	0.003872	3.89	1945.75	486.14	0.34
Chiq-2-Oso	32844	5-EV	2829.00	171.88	176.06		176.22	0.004196	3.16	893.85	397.85	0.37
Chiq-2-Oso	32844	2-EV	736.00	171.88	173.81		173.91	0.008273	2.58	285.63	197.69	0.38

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	32744	100-EV	22835.00	170.00	181.57		182.24	0.006172	6.54	3489.80	466.91	0.42
Chiq-2-Oso	32744	50-EV	20054.00	170.00	181.00		181.60	0.006160	6.22	3222.84	465.01	0.42
Chiq-2-Oso	32744	25-EV	16717.00	170.00	180.26		180.78	0.006166	5.80	2880.14	462.57	0.41
Chiq-2-Oso	32744	10-EV	7577.00	170.00	177.75		178.05	0.006521	4.37	1734.39	448.22	0.39
Chiq-2-Oso	32744	5-EV	2829.00	170.00	175.52		175.71	0.006206	3.45	820.58	300.81	0.37
Chiq-2-Oso	32744	2-EV	736.00	170.00	173.08		173.19	0.006243	2.70	273.07	141.99	0.34
Chiq-2-Oso	32643	100-EV	22835.00	170.00	181.04		181.64	0.005294	6.23	3665.55	470.11	0.39
Chiq-2-Oso	32643	50-EV	20054.00	170.00	180.47		181.01	0.005215	5.90	3398.59	468.26	0.39
Chiq-2-Oso	32643	25-EV	16717.00	170.00	179.74		180.20	0.005119	5.47	3055.15	465.85	0.38
Chiq-2-Oso	32643	10-EV	7577.00	170.00	177.22		177.47	0.004847	3.99	1897.53	448.98	0.34
Chiq-2-Oso	32643	5-EV	2829.00	170.00	174.98		175.12	0.005276	2.96	956.43	383.74	0.33
Chiq-2-Oso	32643	2-EV	736.00	170.00	172.63		172.70	0.003793	2.11	348.60	178.50	0.27
Chiq-2-Oso	32544	100-EV	22835.00	170.00	180.45		181.09	0.005731	6.43	3549.27	477.82	0.42
Chiq-2-Oso	32544	50-EV	20054.00	170.00	179.89		180.47	0.005653	6.11	3282.24	476.26	0.41
Chiq-2-Oso	32544	25-EV	16717.00	170.00	179.16		179.67	0.005554	5.69	2937.91	474.23	0.40
Chiq-2-Oso	32544	10-EV	7577.00	170.00	176.68		176.97	0.005196	4.28	1769.07	467.29	0.39
Chiq-2-Oso	32544	5-EV	2829.00	170.00	174.48		174.63	0.004570	3.10	913.39	331.89	0.33
Chiq-2-Oso	32544	2-EV	736.00	170.00	172.21		172.28	0.004602	2.13	345.47	195.97	0.28
Chiq-2-Oso	32497	100-EV	22835.00	170.00	180.18		180.82	0.005907	6.43	3552.52	491.61	0.42
Chiq-2-Oso	32497	50-EV	20054.00	170.00	179.62		180.20	0.005860	6.12	3278.00	489.44	0.42
Chiq-2-Oso	32497	25-EV	16717.00	170.00	178.89		179.40	0.005804	5.72	2924.64	486.55	0.41
Chiq-2-Oso	32497	10-EV	7577.00	170.00	176.41		176.71	0.005641	4.38	1731.00	470.44	0.40
Chiq-2-Oso	32497	5-EV	2829.00	170.00	174.22		174.39	0.005800	3.25	871.42	361.40	0.37
Chiq-2-Oso	32497	2-EV	736.00	170.00	171.96		172.05	0.005316	2.31	318.46	180.95	0.31
Chiq-2-Oso	32454	100-EV	22835.00	169.27	179.93		180.55	0.006274	6.33	3606.82	498.54	0.41
Chiq-2-Oso	32454	50-EV	20054.00	169.27	179.37		179.93	0.006284	6.03	3328.17	496.64	0.41
Chiq-2-Oso	32454	25-EV	16717.00	169.27	178.64		179.13	0.006335	5.63	2968.62	494.18	0.41
Chiq-2-Oso	32454	10-EV	7577.00	169.27	176.16		176.44	0.006698	4.29	1764.77	461.37	0.39
Chiq-2-Oso	32454	5-EV	2829.00	169.27	173.96		174.12	0.006595	3.18	890.59	359.22	0.36
Chiq-2-Oso	32454	2-EV	736.00	169.27	171.63		171.74	0.009783	2.72	270.99	180.73	0.39
Chiq-2-Oso	32349	100-EV	22835.00	168.00	179.42		179.95	0.004814	5.82	3923.56	531.18	0.38
Chiq-2-Oso	32349	50-EV	20054.00	168.00	178.86		179.34	0.004756	5.53	3625.44	529.42	0.37
Chiq-2-Oso	32349	25-EV	16717.00	168.00	178.14		178.55	0.004621	5.15	3244.60	520.32	0.36
Chiq-2-Oso	32349	10-EV	7577.00	168.00	175.69		175.91	0.003749	3.72	2035.89	447.58	0.31
Chiq-2-Oso	32349	5-EV	2829.00	168.00	173.53		173.63	0.003276	2.52	1121.57	383.10	0.26
Chiq-2-Oso	32349	2-EV	736.00	168.00	171.19		171.24	0.002666	1.83	402.09	195.05	0.22
Chiq-2-Oso	32249	100-EV	22835.00	168.00	178.93		179.46	0.004979	5.84	3910.81	531.70	0.38
Chiq-2-Oso	32249	50-EV	20054.00	168.00	178.37		178.85	0.004957	5.55	3615.06	529.71	0.37
Chiq-2-Oso	32249	25-EV	16717.00	168.00	177.65		178.07	0.004935	5.17	3236.58	527.11	0.37
Chiq-2-Oso	32249	10-EV	7577.00	168.00	175.24		175.47	0.005064	3.83	1977.45	517.21	0.35
Chiq-2-Oso	32249	5-EV	2829.00	168.00	173.12		173.25	0.004456	2.85	993.05	371.23	0.31
Chiq-2-Oso	32249	2-EV	736.00	168.00	170.85		170.92	0.003901	2.09	352.37	187.81	0.27
Chiq-2-Oso	32149	100-EV	22835.00	167.52	177.62	174.29	178.21	0.005942	6.13	3726.23	520.73	0.40
Chiq-2-Oso	32149	50-EV	20054.00	167.52	177.08	173.94	177.61	0.005874	5.82	3445.42	518.41	0.40
Chiq-2-Oso	32149	25-EV	16717.00	167.52	176.39	173.47	176.84	0.005780	5.42	3086.09	515.41	0.39
Chiq-2-Oso	32149	10-EV	7577.00	167.52	174.01	171.86	174.26	0.005507	4.04	1876.19	502.07	0.37
Chiq-2-Oso	32149	5-EV	2829.00	167.52	172.02	170.04	172.16	0.005125	3.01	938.50	436.02	0.36
Chiq-2-Oso	32149	2-EV	736.00	167.52	169.93	168.74	169.99	0.004225	2.08	354.64	204.16	0.28
Chiq-2-Oso	32067		Bridge									
Chiq-2-Oso	31822	100-EV	22835.00	166.00	175.81	172.49	176.42	0.006197	6.26	3645.36	556.90	0.41
Chiq-2-Oso	31822	50-EV	20054.00	166.00	175.31	172.15	175.85	0.006042	5.91	3392.87	553.90	0.40
Chiq-2-Oso	31822	25-EV	16717.00	166.00	174.66	171.71	175.12	0.005825	5.45	3069.02	549.83	0.39
Chiq-2-Oso	31822	10-EV	7577.00	166.00	172.30	170.31	172.55	0.005710	3.98	1904.11	532.66	0.36
Chiq-2-Oso	31822	5-EV	2829.00	166.00	170.15	167.99	170.32	0.010204	3.24	871.84	507.55	0.42
Chiq-2-Oso	31822	2-EV	736.00	166.00	167.87	166.83	167.94	0.004826	2.17	338.70	207.84	0.29
Chiq-2-Oso	31649	100-EV	22835.00	164.00	174.75	171.71	175.31	0.005827	5.98	3818.87	590.49	0.41
Chiq-2-Oso	31649	50-EV	20054.00	164.00	174.27	171.38	174.77	0.005717	5.67	3533.82	586.66	0.41
Chiq-2-Oso	31649	25-EV	16717.00	164.00	173.65	170.95	174.08	0.005536	5.27	3173.16	581.31	0.40
Chiq-2-Oso	31649	10-EV	7577.00	164.00	171.19	168.69	171.47	0.006200	4.24	1788.39	538.28	0.41
Chiq-2-Oso	31649	5-EV	2829.00	164.00	168.99	167.14	169.15	0.004503	3.24	872.94	282.95	0.33
Chiq-2-Oso	31649	2-EV	736.00	164.00	167.24	165.80	167.29	0.002715	1.78	413.98	242.59	0.24
Chiq-2-Oso	31548	100-EV	22835.00	164.00	174.04		174.67	0.006752	6.36	3590.37	615.53	0.46
Chiq-2-Oso	31548	50-EV	20054.00	164.00	173.56		174.14	0.006735	6.08	3296.99	609.95	0.46
Chiq-2-Oso	31548	25-EV	16717.00	164.00	172.96		173.47	0.006652	5.70	2931.03	603.08	0.46
Chiq-2-Oso	31548	10-EV	7577.00	164.00	170.46		170.80	0.006893	4.70	1612.71	435.82	0.43
Chiq-2-Oso	31548	5-EV	2829.00	164.00	168.46		168.64	0.005723	3.35	845.67	369.38	0.39
Chiq-2-Oso	31548	2-EV	736.00	164.00	166.88		166.95	0.004315	2.01	366.55	269.18	0.30
Chiq-2-Oso	31440	100-EV	22835.00	164.00	173.13		173.85	0.008475	6.83	3344.08	630.99	0.52

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	31440	50-EV	20054.00	164.00	172.63		173.31	0.008723	6.61	3031.84	620.04	0.53
Chiq-2-Oso	31440	25-EV	16717.00	164.00	172.01		172.63	0.008921	6.29	2656.61	607.70	0.53
Chiq-2-Oso	31440	10-EV	7577.00	164.00	169.49		169.94	0.009228	5.37	1409.83	398.42	0.50
Chiq-2-Oso	31440	5-EV	2829.00	164.00	167.60		167.85	0.009392	4.05	698.34	300.80	0.47
Chiq-2-Oso	31440	2-EV	736.00	164.00	166.04		166.18	0.013753	2.95	249.25	279.08	0.55
Chiq-2-Oso	31337	100-EV	22835.00	162.00	172.50		173.05	0.006300	5.95	3836.82	732.14	0.46
Chiq-2-Oso	31337	50-EV	20054.00	162.00	171.99		172.51	0.006175	5.77	3476.76	663.49	0.44
Chiq-2-Oso	31337	25-EV	16717.00	162.00	171.35		171.82	0.006321	5.47	3054.67	659.44	0.45
Chiq-2-Oso	31337	10-EV	7577.00	162.00	168.85		169.17	0.005616	4.54	1668.41	452.40	0.42
Chiq-2-Oso	31337	5-EV	2829.00	162.00	167.05		167.19	0.004247	3.08	918.58	337.61	0.33
Chiq-2-Oso	31337	2-EV	736.00	162.00	165.39		165.45	0.004112	1.83	402.52	303.44	0.28
Chiq-2-Oso	31231	100-EV	22835.00	161.97	171.81		172.32	0.007160	5.72	3993.77	728.13	0.43
Chiq-2-Oso	31231	50-EV	20054.00	161.97	171.29		171.76	0.007646	5.55	3611.46	722.97	0.44
Chiq-2-Oso	31231	25-EV	16717.00	161.97	170.59		171.04	0.008342	5.36	3116.69	702.42	0.45
Chiq-2-Oso	31231	10-EV	7577.00	161.97	168.19		168.48	0.007240	4.37	1734.89	487.68	0.41
Chiq-2-Oso	31231	5-EV	2829.00	161.97	166.39		166.55	0.009233	3.22	879.66	471.46	0.42
Chiq-2-Oso	31231	2-EV	736.00	161.97	164.85		164.92	0.006098	2.07	356.07	276.81	0.32
Chiq-2-Oso	31131	100-EV	22835.00	162.00	171.19		171.69	0.005581	5.69	4015.25	701.15	0.42
Chiq-2-Oso	31131	50-EV	20054.00	162.00	170.65		171.12	0.005563	5.50	3646.77	658.35	0.41
Chiq-2-Oso	31131	25-EV	16717.00	162.00	169.95		170.37	0.005428	5.21	3206.84	606.55	0.40
Chiq-2-Oso	31131	10-EV	7577.00	162.00	167.60		167.86	0.005304	4.06	1867.62	541.44	0.39
Chiq-2-Oso	31131	5-EV	2829.00	162.00	165.71		165.85	0.005432	3.04	931.65	374.19	0.34
Chiq-2-Oso	31131	2-EV	736.00	162.00	164.30		164.35	0.005260	1.79	411.10	353.68	0.29
Chiq-2-Oso	31022	100-EV	22835.00	162.00	170.47		171.04	0.006257	6.03	3785.98	728.11	0.47
Chiq-2-Oso	31022	50-EV	20054.00	162.00	169.92		170.46	0.006326	5.91	3391.10	641.33	0.45
Chiq-2-Oso	31022	25-EV	16717.00	162.00	169.22		169.72	0.006531	5.65	2958.73	604.19	0.45
Chiq-2-Oso	31022	10-EV	7577.00	162.00	166.85		167.19	0.007047	4.62	1638.84	524.83	0.46
Chiq-2-Oso	31022	5-EV	2829.00	162.00	164.96		165.14	0.007734	3.45	819.39	358.43	0.40
Chiq-2-Oso	31022	2-EV	736.00	162.00	163.53		163.61	0.008943	2.25	326.89	295.61	0.38
Chiq-2-Oso	30920	100-EV	22835.00	159.65	169.84		170.36	0.006865	5.79	3945.83	683.00	0.42
Chiq-2-Oso	30920	50-EV	20054.00	159.65	169.28		169.77	0.007037	5.62	3565.24	657.03	0.43
Chiq-2-Oso	30920	25-EV	16717.00	159.65	168.57		169.01	0.006971	5.36	3118.39	614.85	0.42
Chiq-2-Oso	30920	10-EV	7577.00	159.65	166.23		166.49	0.006291	4.07	1863.04	519.16	0.38
Chiq-2-Oso	30920	5-EV	2829.00	159.65	164.30		164.44	0.006022	2.94	960.78	425.45	0.35
Chiq-2-Oso	30920	2-EV	736.00	159.65	162.81		162.87	0.005952	1.84	400.93	361.78	0.31
Chiq-2-Oso	30812	100-EV	22835.00	160.00	169.10		169.66	0.006013	6.01	3797.12	656.94	0.44
Chiq-2-Oso	30812	50-EV	20054.00	160.00	168.50		169.04	0.006402	5.89	3405.85	645.64	0.45
Chiq-2-Oso	30812	25-EV	16717.00	160.00	167.75		168.25	0.006943	5.71	2929.42	618.29	0.46
Chiq-2-Oso	30812	10-EV	7577.00	160.00	165.25		165.65	0.009454	5.02	1510.19	491.34	0.50
Chiq-2-Oso	30812	5-EV	2829.00	160.00	163.33		163.57	0.010683	3.92	722.03	343.07	0.48
Chiq-2-Oso	30812	2-EV	736.00	160.00	161.83		161.97	0.011994	2.99	246.47	186.29	0.46
Chiq-2-Oso	30711	100-EV	22835.00	158.00	168.62		169.09	0.004859	5.46	4179.71	643.62	0.38
Chiq-2-Oso	30711	50-EV	20054.00	158.00	167.99		168.43	0.005114	5.31	3776.18	630.37	0.38
Chiq-2-Oso	30711	25-EV	16717.00	158.00	167.20		167.60	0.005468	5.09	3287.10	605.03	0.38
Chiq-2-Oso	30711	10-EV	7577.00	158.00	164.60		164.86	0.005884	4.09	1853.54	504.64	0.38
Chiq-2-Oso	30711	5-EV	2829.00	158.00	162.71		162.83	0.004971	2.79	1012.83	406.10	0.31
Chiq-2-Oso	30711	2-EV	736.00	158.00	160.86		160.94	0.008576	2.21	333.01	308.98	0.38
Chiq-2-Oso	30609	100-EV	22835.00	158.00	168.10		168.58	0.005075	5.55	4111.30	647.02	0.39
Chiq-2-Oso	30609	50-EV	20054.00	158.00	167.44		167.89	0.005395	5.41	3706.67	602.19	0.38
Chiq-2-Oso	30609	25-EV	16717.00	158.00	166.61		167.03	0.005752	5.20	3212.80	585.04	0.39
Chiq-2-Oso	30609	10-EV	7577.00	158.00	163.96		164.23	0.006593	4.15	1823.97	487.69	0.38
Chiq-2-Oso	30609	5-EV	2829.00	158.00	162.09		162.23	0.007015	2.97	951.51	441.33	0.36
Chiq-2-Oso	30609	2-EV	736.00	158.00	160.22		160.28	0.004947	1.94	380.00	249.81	0.28
Chiq-2-Oso	30509	100-EV	22835.00	156.45	167.40		167.98	0.007032	6.09	3746.78	617.95	0.44
Chiq-2-Oso	30509	50-EV	20054.00	156.45	166.67		167.24	0.007748	6.06	3308.41	590.17	0.45
Chiq-2-Oso	30509	25-EV	16717.00	156.45	165.78		166.33	0.008286	5.94	2813.96	497.57	0.44
Chiq-2-Oso	30509	10-EV	7577.00	156.45	163.01		163.39	0.010789	4.93	1537.37	436.02	0.46
Chiq-2-Oso	30509	5-EV	2829.00	156.45	161.02		161.25	0.014255	3.88	728.45	360.23	0.48
Chiq-2-Oso	30509	2-EV	736.00	156.45	159.34		159.48	0.015188	2.97	247.62	184.95	0.45
Chiq-2-Oso	30395	100-EV	22835.00	155.39	166.79		167.28	0.005078	5.60	4077.52	662.93	0.40
Chiq-2-Oso	30395	50-EV	20054.00	155.39	165.98		166.47	0.005646	5.65	3551.71	634.38	0.42
Chiq-2-Oso	30395	25-EV	16717.00	155.39	164.99		165.50	0.006411	5.70	2931.39	618.96	0.46
Chiq-2-Oso	30395	10-EV	7577.00	155.39	161.94		162.32	0.008238	4.94	1535.24	378.34	0.43
Chiq-2-Oso	30395	5-EV	2829.00	155.39	159.83		160.04	0.008260	3.68	767.75	297.15	0.40
Chiq-2-Oso	30395	2-EV	736.00	155.39	158.06		158.16	0.009208	2.54	289.42	239.73	0.41
Chiq-2-Oso	30287	100-EV	22835.00	154.00	166.33		166.74	0.004530	5.14	4443.69	712.69	0.36
Chiq-2-Oso	30287	50-EV	20054.00	154.00	165.46		165.88	0.004925	5.18	3874.11	638.71	0.37
Chiq-2-Oso	30287	25-EV	16717.00	154.00	164.39		164.81	0.005866	5.23	3197.27	616.23	0.40
Chiq-2-Oso	30287	10-EV	7577.00	154.00	161.04		161.40	0.008656	4.83	1569.88	379.86	0.42
Chiq-2-Oso	30287	5-EV	2829.00	154.00	158.85		159.06	0.010020	3.68	769.79	332.71	0.43

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	30287	2-EV	736.00	154.00	157.17		157.26	0.007453	2.45	301.02	208.75	0.36
Chiq-2-Oso	30148	100-EV	22835.00	152.18	165.82		166.21	0.003158	4.98	4581.23	489.17	0.29
Chiq-2-Oso	30148	50-EV	20054.00	152.18	164.95		165.31	0.003323	4.83	4155.06	484.87	0.29
Chiq-2-Oso	30148	25-EV	16717.00	152.18	163.82		164.15	0.003614	4.63	3611.66	480.00	0.30
Chiq-2-Oso	30148	10-EV	7577.00	152.18	160.10		160.36	0.006191	4.08	1858.74	460.41	0.36
Chiq-2-Oso	30148	5-EV	2829.00	152.18	157.14		157.42	0.013983	4.23	668.43	319.63	0.52
Chiq-2-Oso	30148	2-EV	736.00	152.18	154.92		155.29	0.035234	4.91	149.98	135.44	0.82
Chiq-2-Oso	30015	100-EV	22835.00	150.00	165.44	158.54	165.84	0.002436	5.04	4529.97	496.89	0.26
Chiq-2-Oso	30015	50-EV	20054.00	150.00	164.57	157.98	164.93	0.002441	4.79	4187.79	480.07	0.26
Chiq-2-Oso	30015	25-EV	16717.00	150.00	163.44	157.38	163.75	0.002466	4.47	3743.11	451.57	0.26
Chiq-2-Oso	30015	10-EV	7577.00	150.00	159.64	155.43	159.82	0.002655	3.36	2251.78	421.15	0.24
Chiq-2-Oso	30015	5-EV	2829.00	150.00	156.66	153.87	156.74	0.002275	2.38	1190.22	349.35	0.22
Chiq-2-Oso	30015	2-EV	736.00	150.00	154.27	152.42	154.31	0.002670	1.55	475.78	304.40	0.21
Chiq-2-Oso	29779	100-EV	22835.00	150.00	164.57	158.02	165.07	0.004471	5.63	4057.27	578.54	0.31
Chiq-2-Oso	29779	50-EV	20054.00	150.00	163.70	157.53	164.15	0.004523	5.41	3707.40	563.39	0.31
Chiq-2-Oso	29779	25-EV	16717.00	150.00	162.56	156.94	162.97	0.004578	5.12	3265.59	506.24	0.31
Chiq-2-Oso	29779	10-EV	7577.00	150.00	158.79	155.04	159.02	0.004408	3.84	1975.70	374.61	0.27
Chiq-2-Oso	29779	5-EV	2829.00	150.00	155.91	153.10	156.02	0.004360	2.63	1075.68	342.82	0.25
Chiq-2-Oso	29779	2-EV	736.00	150.00	153.59	151.41	153.63	0.003133	1.69	435.86	214.55	0.19
Chiq-2-Oso	29607	100-EV	22835.00	150.00	162.70	158.23	163.74	0.011332	8.21	2783.03	268.82	0.45
Chiq-2-Oso	29607	50-EV	20054.00	150.00	161.89	157.70	162.84	0.011345	7.82	2565.84	268.82	0.45
Chiq-2-Oso	29607	25-EV	16717.00	150.00	160.84	157.01	161.67	0.011240	7.32	2283.88	263.21	0.44
Chiq-2-Oso	29607	10-EV	7577.00	150.00	157.30	154.63	157.78	0.011852	5.53	1369.47	254.09	0.42
Chiq-2-Oso	29607	5-EV	2829.00	150.00	154.63	152.89	154.86	0.010911	3.82	739.62	225.50	0.37
Chiq-2-Oso	29607	2-EV	736.00	150.00	152.71	151.30	152.79	0.008575	2.21	332.78	197.45	0.30
Chiq-2-Oso	29516.5		Bridge									
Chiq-2-Oso	29426	100-EV	22835.00	148.00	160.33	156.30	161.46	0.007894	8.52	2680.20	269.95	0.48
Chiq-2-Oso	29426	50-EV	20054.00	148.00	159.51	155.54	160.54	0.007969	8.15	2459.64	269.95	0.48
Chiq-2-Oso	29426	25-EV	16717.00	148.00	158.45	154.74	159.37	0.008129	7.69	2174.33	269.95	0.48
Chiq-2-Oso	29426	10-EV	7577.00	148.00	154.79	152.26	155.36	0.008122	6.04	1254.88	220.77	0.45
Chiq-2-Oso	29426	5-EV	2829.00	148.00	151.90	150.42	152.20	0.008827	4.41	642.04	202.65	0.44
Chiq-2-Oso	29426	2-EV	736.00	148.00	149.66	149.03	149.82	0.012946	3.24	227.28	155.49	0.47
Chiq-2-Oso	29339	100-EV	22835.00	145.78	159.22	153.94	160.23	0.006668	8.09	2824.31	324.53	0.42
Chiq-2-Oso	29339	50-EV	20054.00	145.78	158.43	153.36	159.33	0.006449	7.62	2631.85	319.31	0.41
Chiq-2-Oso	29339	25-EV	16717.00	145.78	157.40	152.63	158.16	0.006158	7.01	2383.41	292.69	0.39
Chiq-2-Oso	29339	10-EV	7577.00	145.78	153.87	150.29	154.25	0.005044	4.90	1545.26	233.48	0.34
Chiq-2-Oso	29339	5-EV	2829.00	145.78	151.07	148.64	151.22	0.003899	3.13	904.06	222.99	0.27
Chiq-2-Oso	29339	2-EV	736.00	145.78	148.87	147.11	148.91	0.002871	1.74	423.78	212.97	0.22
Chiq-2-Oso	28989	100-EV	22835.00	145.54	157.01	153.07	158.20	0.008019	8.75	2609.39	270.86	0.49
Chiq-2-Oso	28989	50-EV	20054.00	145.54	156.27	152.52	157.34	0.007896	8.31	2414.54	263.67	0.48
Chiq-2-Oso	28989	25-EV	16717.00	145.54	155.32	151.83	156.25	0.007715	7.72	2166.17	259.41	0.47
Chiq-2-Oso	28989	10-EV	7577.00	145.54	152.14	149.59	152.62	0.006891	5.57	1361.37	245.90	0.42
Chiq-2-Oso	28989	5-EV	2829.00	145.54	149.72	147.95	149.92	0.005707	3.63	778.31	235.69	0.35
Chiq-2-Oso	28989	2-EV	736.00	145.54	147.89	146.73	147.95	0.004279	2.06	356.95	202.40	0.27
Chiq-2-Oso	28744	100-EV	22835.00	142.03	155.28		156.12	0.008064	7.35	3107.43	325.01	0.42
Chiq-2-Oso	28744	50-EV	20054.00	142.03	154.53		155.29	0.008079	7.00	2863.13	322.49	0.41
Chiq-2-Oso	28744	25-EV	16717.00	142.03	153.56		154.23	0.008104	6.55	2552.86	319.15	0.41
Chiq-2-Oso	28744	10-EV	7577.00	142.03	150.34		150.72	0.008490	4.91	1542.40	308.28	0.39
Chiq-2-Oso	28744	5-EV	2829.00	142.03	147.90		148.09	0.010104	3.54	800.01	298.91	0.38
Chiq-2-Oso	28744	2-EV	736.00	142.03	146.22		146.30	0.012035	2.28	322.80	261.83	0.36
Chiq-2-Oso	28539	100-EV	22835.00	140.00	153.67		154.51	0.007719	7.35	3107.03	313.42	0.41
Chiq-2-Oso	28539	50-EV	20054.00	140.00	152.93		153.69	0.007576	6.97	2877.58	310.27	0.40
Chiq-2-Oso	28539	25-EV	16717.00	140.00	152.00		152.64	0.007354	6.46	2588.20	306.26	0.39
Chiq-2-Oso	28539	10-EV	7577.00	140.00	148.87		149.20	0.006445	4.60	1646.81	295.64	0.34
Chiq-2-Oso	28539	5-EV	2829.00	140.00	146.42		146.56	0.005701	3.03	932.82	287.36	0.30
Chiq-2-Oso	28539	2-EV	736.00	140.00	144.50		144.56	0.006339	1.87	392.56	273.32	0.28
Chiq-2-Oso	28327	100-EV	22835.00	140.00	151.58		152.59	0.010649	8.06	2832.70	313.79	0.47
Chiq-2-Oso	28327	50-EV	20054.00	140.00	150.87		151.78	0.010657	7.68	2611.31	311.87	0.47
Chiq-2-Oso	28327	25-EV	16717.00	140.00	149.98		150.77	0.010620	7.16	2334.36	309.62	0.46
Chiq-2-Oso	28327	10-EV	7577.00	140.00	147.11		147.53	0.009665	5.18	1463.65	297.63	0.41
Chiq-2-Oso	28327	5-EV	2829.00	140.00	144.87		145.06	0.008945	3.49	811.73	283.75	0.36
Chiq-2-Oso	28327	2-EV	736.00	140.00	142.84		142.93	0.009470	2.37	310.31	207.26	0.34
Chiq-2-Oso	28116	100-EV	22835.00	137.50	148.90		150.05	0.013490	8.57	2664.36	316.87	0.52
Chiq-2-Oso	28116	50-EV	20054.00	137.50	148.10		149.18	0.014216	8.31	2412.74	312.63	0.53
Chiq-2-Oso	28116	25-EV	16717.00	137.50	147.06		148.05	0.015581	8.00	2088.59	306.90	0.54
Chiq-2-Oso	28116	10-EV	7577.00	137.50	144.00		144.64	0.020297	6.46	1173.70	290.83	0.57
Chiq-2-Oso	28116	5-EV	2829.00	137.50	141.67		142.10	0.024498	5.26	537.35	210.20	0.58
Chiq-2-Oso	28116	2-EV	736.00	137.50	139.58		139.80	0.025869	3.79	194.17	122.78	0.53

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	27950	100-EV	22835.00	132.00	147.46		148.30	0.007677	7.36	3102.28	306.17	0.41
Chiq-2-Oso	27950	50-EV	20054.00	132.00	146.61		147.38	0.007819	7.06	2842.00	303.06	0.41
Chiq-2-Oso	27950	25-EV	16717.00	132.00	145.42		146.13	0.008331	6.73	2485.46	298.80	0.41
Chiq-2-Oso	27950	10-EV	7577.00	132.00	142.16		142.54	0.008169	4.95	1529.29	286.53	0.38
Chiq-2-Oso	27950	5-EV	2829.00	132.00	139.74		139.91	0.007778	3.34	846.99	276.38	0.34
Chiq-2-Oso	27950	2-EV	736.00	132.00	137.12		137.26	0.010028	3.02	243.74	116.90	0.37
Chiq-2-Oso	27758	100-EV	22835.00	132.00	146.19		146.75	0.007653	6.00	3807.44	510.73	0.39
Chiq-2-Oso	27758	50-EV	20054.00	132.00	145.13		145.71	0.009045	6.11	3279.61	485.57	0.41
Chiq-2-Oso	27758	25-EV	16717.00	132.00	143.95		144.52	0.008031	6.06	2760.83	378.15	0.40
Chiq-2-Oso	27758	10-EV	7577.00	132.00	140.80		141.12	0.006533	4.50	1683.97	311.62	0.34
Chiq-2-Oso	27758	5-EV	2829.00	132.00	138.71		138.82	0.004202	2.71	1043.95	297.68	0.26
Chiq-2-Oso	27758	2-EV	736.00	132.00	136.62		136.65	0.001412	1.34	548.52	201.86	0.14
Chiq-2-Oso	27635	100-EV	22977.00	134.20	144.83		145.72	0.008302	7.61	3031.75	380.64	0.46
Chiq-2-Oso	27635	50-EV	20174.00	134.20	143.45		144.44	0.010987	7.97	2531.63	346.75	0.52
Chiq-2-Oso	27635	25-EV	16815.00	134.20	142.25		143.22	0.013084	7.92	2122.19	333.41	0.55
Chiq-2-Oso	27635	10-EV	7593.00	134.20	138.61		139.54	0.030387	7.75	979.83	298.60	0.75
Chiq-2-Oso	27635	5-EV	2851.00	134.20	136.69	136.69	137.41	0.068211	6.83	417.27	287.88	1.00
Chiq-2-Oso	27635	2-EV	726.00	134.20	135.74	135.74	136.07	0.097102	4.63	156.92	244.56	1.02
Chiq-2-Oso	27377	100-EV	22977.00	128.00	144.01		144.63	0.003776	6.33	3627.03	341.56	0.34
Chiq-2-Oso	27377	50-EV	20174.00	128.00	142.49		143.13	0.004201	6.44	3131.82	311.38	0.36
Chiq-2-Oso	27377	25-EV	16815.00	128.00	141.22		141.81	0.004279	6.13	2744.90	300.62	0.36
Chiq-2-Oso	27377	10-EV	7593.00	128.00	137.31		137.65	0.004360	4.68	1621.41	274.63	0.34
Chiq-2-Oso	27377	5-EV	2851.00	128.00	134.38	131.56	134.55	0.003881	3.31	860.47	233.93	0.30
Chiq-2-Oso	27377	2-EV	726.00	128.00	130.84	129.52	130.98	0.006327	3.05	238.28	116.53	0.38
Chiq-2-Oso	27176	100-EV	22977.00	126.06	143.37	136.65	143.89	0.003365	5.75	3993.63	380.99	0.31
Chiq-2-Oso	27176	50-EV	20174.00	126.06	141.75	136.18	142.29	0.003860	5.91	3412.04	345.69	0.33
Chiq-2-Oso	27176	25-EV	16815.00	126.06	140.44	135.57	140.94	0.004102	5.67	2965.16	336.37	0.34
Chiq-2-Oso	27176	10-EV	7593.00	126.06	136.32	132.95	136.66	0.005585	4.67	1626.18	314.18	0.36
Chiq-2-Oso	27176	5-EV	2851.00	126.06	133.56	129.95	133.74	0.004121	3.39	841.47	221.47	0.31
Chiq-2-Oso	27176	2-EV	726.00	126.06	130.19	127.96	130.26	0.002196	2.22	327.39	111.04	0.23
Chiq-2-Oso	26976	100-EV	22977.00	126.00	142.84		143.26	0.002670	5.24	4384.96	424.99	0.29
Chiq-2-Oso	26976	50-EV	20174.00	126.00	141.14		141.60	0.002926	5.41	3730.66	364.83	0.30
Chiq-2-Oso	26976	25-EV	16815.00	126.00	139.80		140.22	0.003014	5.17	3251.92	350.83	0.30
Chiq-2-Oso	26976	10-EV	7593.00	126.00	135.40		135.68	0.004160	4.30	1766.14	324.99	0.33
Chiq-2-Oso	26976	5-EV	2851.00	126.00	132.65		132.81	0.005286	3.19	893.40	310.59	0.33
Chiq-2-Oso	26976	2-EV	726.00	126.00	129.54		129.65	0.004468	2.73	265.82	112.19	0.31
Chiq-2-Oso	26777	100-EV	22977.00	125.60	142.22		142.64	0.003721	5.19	4428.74	527.89	0.32
Chiq-2-Oso	26777	50-EV	20174.00	125.60	140.57		141.02	0.002841	5.42	3719.87	369.03	0.30
Chiq-2-Oso	26777	25-EV	16815.00	125.60	139.24		139.65	0.002656	5.16	3259.35	335.41	0.29
Chiq-2-Oso	26777	10-EV	7593.00	125.60	134.63		134.92	0.003547	4.27	1776.47	310.32	0.31
Chiq-2-Oso	26777	5-EV	2851.00	125.60	131.73		131.89	0.004046	3.15	904.90	287.35	0.31
Chiq-2-Oso	26777	2-EV	726.00	125.60	128.56		128.68	0.005271	2.81	258.01	131.30	0.35
Chiq-2-Oso	26574	100-EV	22977.00	124.00	141.08		141.58	0.007565	5.68	4045.05	602.00	0.39
Chiq-2-Oso	26574	50-EV	20174.00	124.00	139.79		140.35	0.003843	5.97	3376.65	335.36	0.33
Chiq-2-Oso	26574	25-EV	16815.00	124.00	138.51		139.01	0.003747	5.68	2962.70	311.89	0.32
Chiq-2-Oso	26574	10-EV	7593.00	124.00	133.62		134.00	0.005787	4.94	1536.85	278.88	0.37
Chiq-2-Oso	26574	5-EV	2851.00	124.00	130.20		130.52	0.012895	4.56	624.93	223.96	0.48
Chiq-2-Oso	26574	2-EV	726.00	124.00	126.95		127.16	0.011459	3.68	197.11	80.50	0.41
Chiq-2-Oso	26377	100-EV	22977.00	122.01	140.11		140.72	0.002777	6.30	3644.32	514.23	0.42
Chiq-2-Oso	26377	50-EV	20174.00	122.01	139.08		139.70	0.002832	6.27	3216.52	373.65	0.38
Chiq-2-Oso	26377	25-EV	16815.00	122.01	137.82		138.38	0.002681	5.99	2806.82	273.05	0.33
Chiq-2-Oso	26377	10-EV	7593.00	122.01	132.82		133.20	0.003023	4.97	1528.64	237.38	0.35
Chiq-2-Oso	26377	5-EV	2851.00	122.01	129.24		129.47	0.002801	3.82	745.88	183.68	0.33
Chiq-2-Oso	26377	2-EV	726.00	122.01	125.96		126.06	0.003157	2.56	284.00	113.66	0.29
Chiq-2-Oso	26177	100-EV	22977.00	122.00	139.13		139.80	0.009132	6.53	3517.68	474.78	0.42
Chiq-2-Oso	26177	50-EV	20174.00	122.00	138.19		138.84	0.007037	6.48	3113.69	381.02	0.40
Chiq-2-Oso	26177	25-EV	16815.00	122.00	137.04		137.63	0.005534	6.18	2722.06	307.64	0.37
Chiq-2-Oso	26177	10-EV	7593.00	122.00	131.87		132.32	0.006888	5.35	1419.55	229.40	0.38
Chiq-2-Oso	26177	5-EV	2851.00	122.00	128.36		128.63	0.006823	4.15	686.53	162.91	0.36
Chiq-2-Oso	26177	2-EV	726.00	122.00	124.99		125.14	0.007193	3.06	237.57	103.17	0.36
Chiq-2-Oso	25976	100-EV	22977.00	120.04	137.97		138.65	0.003920	6.60	3482.59	412.22	0.40
Chiq-2-Oso	25976	50-EV	20174.00	120.04	137.20		137.82	0.003786	6.34	3184.24	370.06	0.38
Chiq-2-Oso	25976	25-EV	16815.00	120.04	136.19		136.74	0.003587	5.94	2831.72	326.61	0.36
Chiq-2-Oso	25976	10-EV	7593.00	120.04	130.82		131.22	0.004333	5.12	1483.61	227.82	0.35
Chiq-2-Oso	25976	5-EV	2851.00	120.04	127.34		127.58	0.004063	3.92	728.14	205.46	0.37
Chiq-2-Oso	25976	2-EV	726.00	120.04	124.00		124.12	0.003717	2.87	252.77	90.83	0.30
Chiq-2-Oso	25776	100-EV	22977.00	120.00	137.21		137.84	0.003961	6.35	3619.09	443.42	0.39
Chiq-2-Oso	25776	50-EV	20174.00	120.00	136.47		137.05	0.003797	6.10	3309.34	392.74	0.37
Chiq-2-Oso	25776	25-EV	16815.00	120.00	135.51		136.01	0.003500	5.68	2960.98	332.27	0.34
Chiq-2-Oso	25776	10-EV	7593.00	120.00	129.95		130.32	0.004536	4.89	1553.18	230.25	0.33

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	25776	5-EV	2851.00	120.00	126.52		126.72	0.004381	3.57	797.59	207.37	0.32
Chiq-2-Oso	25776	2-EV	726.00	120.00	122.98		123.12	0.007165	2.97	244.14	117.47	0.36
Chiq-2-Oso	25646	100-EV	22977.00	118.00	136.76		137.17	0.005507	5.16	4452.47	578.14	0.33
Chiq-2-Oso	25646	50-EV	20174.00	118.00	136.03		136.41	0.005289	5.00	4038.70	544.81	0.32
Chiq-2-Oso	25646	25-EV	16815.00	118.00	135.08		135.42	0.005026	4.74	3551.12	508.60	0.32
Chiq-2-Oso	25646	10-EV	7593.00	118.00	129.47		129.76	0.003737	4.33	1753.67	240.56	0.28
Chiq-2-Oso	25646	5-EV	2851.00	118.00	126.07		126.20	0.003370	2.94	969.62	219.67	0.25
Chiq-2-Oso	25646	2-EV	726.00	118.00	122.44		122.51	0.003105	2.17	334.89	119.83	0.23
Chiq-2-Oso	25346	100-EV	22977.00	118.00	134.87		135.39	0.006369	5.77	3980.75	482.40	0.35
Chiq-2-Oso	25346	50-EV	20174.00	118.00	134.21		134.68	0.006302	5.51	3662.15	474.29	0.35
Chiq-2-Oso	25346	25-EV	16815.00	118.00	133.32		133.74	0.006270	5.18	3248.50	463.09	0.34
Chiq-2-Oso	25346	10-EV	7593.00	118.00	128.23		128.55	0.004390	4.56	1666.39	243.08	0.31
Chiq-2-Oso	25346	5-EV	2851.00	118.00	125.00		125.14	0.003705	3.09	921.68	216.33	0.26
Chiq-2-Oso	25346	2-EV	726.00	118.00	121.52		121.59	0.003021	2.10	345.23	129.96	0.23
Chiq-2-Oso	25047	100-EV	22977.00	116.00	132.12		132.86	0.011513	6.90	3329.89	489.68	0.47
Chiq-2-Oso	25047	50-EV	20174.00	116.00	131.50		132.18	0.011323	6.64	3059.98	456.42	0.45
Chiq-2-Oso	25047	25-EV	16815.00	116.00	130.63		131.25	0.011272	6.34	2652.32	425.86	0.45
Chiq-2-Oso	25047	10-EV	7593.00	116.00	126.59		126.98	0.006299	4.99	1521.10	240.93	0.35
Chiq-2-Oso	25047	5-EV	2851.00	116.00	123.48		123.68	0.006686	3.56	800.78	220.85	0.33
Chiq-2-Oso	25047	2-EV	726.00	116.00	120.46		120.56	0.003969	2.55	284.44	96.65	0.26
Chiq-2-Oso	24746	100-EV	22977.00	116.00	129.10		129.82	0.008931	6.83	3437.76	528.17	0.43
Chiq-2-Oso	24746	50-EV	20174.00	116.00	128.53		129.19	0.008768	6.50	3145.50	506.42	0.43
Chiq-2-Oso	24746	25-EV	16815.00	116.00	127.71		128.29	0.008587	6.12	2748.64	429.13	0.42
Chiq-2-Oso	24746	10-EV	7593.00	116.00	124.22		124.64	0.009862	5.17	1469.92	321.76	0.43
Chiq-2-Oso	24746	5-EV	2851.00	116.00	121.18		121.45	0.008249	4.15	686.80	196.79	0.39
Chiq-2-Oso	24746	2-EV	726.00	116.00	118.04		118.29	0.019254	3.94	184.12	102.98	0.52
Chiq-2-Oso	24446	100-EV	22977.00	112.90	126.98	122.66	127.58	0.006152	6.38	3865.81	848.37	0.41
Chiq-2-Oso	24446	50-EV	20174.00	112.90	126.40	122.02	126.96	0.006238	6.15	3509.69	828.21	0.41
Chiq-2-Oso	24446	25-EV	16815.00	112.90	125.58	121.30	126.10	0.006203	5.90	3036.63	731.67	0.40
Chiq-2-Oso	24446	10-EV	7593.00	112.90	122.16	119.03	122.53	0.005209	4.88	1555.24	335.91	0.36
Chiq-2-Oso	24446	5-EV	2851.00	112.90	119.70	116.54	119.85	0.003573	3.11	917.55	247.02	0.28
Chiq-2-Oso	24446	2-EV	726.00	112.90	116.50	114.58	116.59	0.002574	2.39	303.77	115.30	0.26
Chiq-2-Oso	24146	100-EV	22977.00	112.00	125.42		125.92	0.004837	5.69	4298.94	837.57	0.36
Chiq-2-Oso	24146	50-EV	20174.00	112.00	124.77		125.24	0.005117	5.52	3784.37	746.99	0.36
Chiq-2-Oso	24146	25-EV	16815.00	112.00	123.88		124.32	0.005547	5.29	3177.67	499.81	0.37
Chiq-2-Oso	24146	10-EV	7593.00	112.00	120.47		120.79	0.006351	4.51	1685.25	374.47	0.37
Chiq-2-Oso	24146	5-EV	2851.00	112.00	118.07		118.26	0.008702	3.47	820.82	344.54	0.40
Chiq-2-Oso	24146	2-EV	726.00	112.00	115.37		115.51	0.005340	2.95	245.74	104.70	0.34
Chiq-2-Oso	23846	100-EV	22977.00	110.21	124.17	118.84	124.61	0.003864	5.37	4411.73	799.00	0.36
Chiq-2-Oso	23846	50-EV	20174.00	110.21	123.47	118.41	123.89	0.003884	5.24	3927.45	646.67	0.37
Chiq-2-Oso	23846	25-EV	16815.00	110.21	122.50	117.88	122.90	0.004013	5.10	3355.62	510.00	0.34
Chiq-2-Oso	23846	10-EV	7593.00	110.21	119.07	116.13	119.31	0.003837	3.97	1919.63	386.41	0.31
Chiq-2-Oso	23846	5-EV	2851.00	110.21	116.50	114.47	116.63	0.003618	2.89	984.99	351.90	0.31
Chiq-2-Oso	23846	2-EV	726.00	110.21	114.31	112.36	114.37	0.002733	2.02	360.02	235.45	0.29
Chiq-2-Oso	23546	100-EV	22977.00	110.12	122.58		123.20	0.005643	6.36	3777.51	713.38	0.38
Chiq-2-Oso	23546	50-EV	20174.00	110.12	121.91		122.49	0.005653	6.10	3337.77	536.42	0.38
Chiq-2-Oso	23546	25-EV	16815.00	110.12	120.98		121.49	0.005500	5.73	2935.86	383.81	0.37
Chiq-2-Oso	23546	10-EV	7593.00	110.12	117.56		117.88	0.006030	4.53	1676.44	354.95	0.37
Chiq-2-Oso	23546	5-EV	2851.00	110.12	114.91		115.11	0.007611	3.63	785.52	303.39	0.40
Chiq-2-Oso	23546	2-EV	726.00	110.12	112.74		112.89	0.011269	3.08	235.53	199.31	0.50
Chiq-2-Oso	23246	100-EV	22977.00	108.00	121.12		121.69	0.004413	6.10	4014.03	634.73	0.35
Chiq-2-Oso	23246	50-EV	20174.00	108.00	120.48		121.00	0.004264	5.80	3610.80	621.61	0.35
Chiq-2-Oso	23246	25-EV	16815.00	108.00	119.61		120.06	0.004050	5.39	3128.88	431.80	0.34
Chiq-2-Oso	23246	10-EV	7593.00	108.00	116.25		116.49	0.003550	3.91	1943.23	330.46	0.28
Chiq-2-Oso	23246	5-EV	2851.00	108.00	113.62		113.73	0.002965	2.61	1093.43	316.20	0.25
Chiq-2-Oso	23246	2-EV	726.00	108.00	111.58		111.62	0.002098	1.55	468.97	273.22	0.21
Chiq-2-Oso	22946	100-EV	23142.00	108.00	119.32		119.97	0.007636	6.54	3661.39	694.30	0.47
Chiq-2-Oso	22946	50-EV	20294.00	108.00	118.62		119.28	0.007980	6.52	3190.17	657.63	0.49
Chiq-2-Oso	22946	25-EV	16913.00	108.00	117.68		118.34	0.008470	6.54	2616.64	534.65	0.50
Chiq-2-Oso	22946	10-EV	7591.00	108.00	114.37		114.82	0.009612	5.37	1414.75	293.25	0.43
Chiq-2-Oso	22946	5-EV	2832.00	108.00	112.06		112.28	0.009186	3.72	762.05	272.36	0.39
Chiq-2-Oso	22946	2-EV	774.00	108.00	110.37		110.46	0.008872	2.37	326.78	241.82	0.36
Chiq-2-Oso	22646	100-EV	23142.00	106.00	117.40		118.00	0.005618	6.32	4013.62	655.56	0.36
Chiq-2-Oso	22646	50-EV	20294.00	106.00	116.73		117.29	0.005455	6.06	3599.97	583.80	0.35
Chiq-2-Oso	22646	25-EV	16913.00	106.00	115.78		116.28	0.005423	5.73	3058.99	528.74	0.35
Chiq-2-Oso	22646	10-EV	7591.00	106.00	112.21		112.51	0.006074	4.43	1711.67	331.19	0.34
Chiq-2-Oso	22646	5-EV	2832.00	106.00	109.55		109.72	0.007854	3.32	852.83	312.42	0.35
Chiq-2-Oso	22646	2-EV	774.00	106.00	107.97		108.03	0.007382	2.02	382.33	285.34	0.31
Chiq-2-Oso	22346	100-EV	23142.00	104.00	116.09	110.52	116.61	0.003783	5.93	4332.59	654.80	0.33

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	22346	50-EV	20294.00	104.00	115.46	110.04	115.93	0.003672	5.62	3952.86	593.23	0.32
Chiq-2-Oso	22346	25-EV	16913.00	104.00	114.49	109.42	114.92	0.003729	5.31	3385.49	582.96	0.32
Chiq-2-Oso	22346	10-EV	7591.00	104.00	110.79	107.38	111.05	0.003925	4.14	1835.15	324.69	0.31
Chiq-2-Oso	22346	5-EV	2832.00	104.00	107.73	105.89	107.89	0.004848	3.16	897.09	287.88	0.32
Chiq-2-Oso	22346	2-EV	774.00	104.00	105.56	104.85	105.65	0.008607	2.45	315.52	238.22	0.38
Chiq-2-Oso	22046	100-EV	23142.00	102.00	114.90	109.51	115.50	0.003540	6.48	4299.59	728.83	0.35
Chiq-2-Oso	22046	50-EV	20294.00	102.00	114.31	108.97	114.86	0.003402	6.16	3873.87	708.53	0.35
Chiq-2-Oso	22046	25-EV	16913.00	102.00	113.31	108.27	113.84	0.003463	5.90	3190.74	655.24	0.35
Chiq-2-Oso	22046	10-EV	7591.00	102.00	109.70	105.97	110.00	0.003108	4.41	1720.98	280.43	0.31
Chiq-2-Oso	22046	5-EV	2832.00	102.00	106.67	104.21	106.82	0.002724	3.08	920.33	245.88	0.28
Chiq-2-Oso	22046	2-EV	774.00	102.00	104.43	103.01	104.49	0.002182	1.88	411.88	203.30	0.23
Chiq-2-Oso	21746	100-EV	23142.00	100.10	113.49	108.91	114.19	0.005426	7.13	4057.01	766.95	0.39
Chiq-2-Oso	21746	50-EV	20294.00	100.10	112.94	108.38	113.60	0.005273	6.78	3643.78	745.93	0.38
Chiq-2-Oso	21746	25-EV	16913.00	100.10	111.78	107.69	112.46	0.006175	6.76	2818.82	610.27	0.40
Chiq-2-Oso	21746	10-EV	7591.00	100.10	108.29	105.39	108.70	0.006387	5.16	1471.95	261.11	0.38
Chiq-2-Oso	21746	5-EV	2832.00	100.10	105.30	103.62	105.54	0.007480	3.89	727.70	231.43	0.39
Chiq-2-Oso	21746	2-EV	774.00	100.10	103.12	102.44	103.25	0.010527	2.88	268.82	187.66	0.42
Chiq-2-Oso	21446	100-EV	23142.00	98.00	112.61	107.38	112.97	0.002718	5.09	4992.47	632.21	0.29
Chiq-2-Oso	21446	50-EV	20294.00	98.00	111.65	106.74	112.19	0.004023	5.90	3441.15	403.34	0.36
Chiq-2-Oso	21446	25-EV	16913.00	98.00	110.33	105.86	110.85	0.004437	5.79	2919.18	390.14	0.37
Chiq-2-Oso	21446	10-EV	7591.00	98.00	106.76	103.62	107.11	0.004352	4.74	1601.21	318.47	0.37
Chiq-2-Oso	21446	5-EV	2832.00	98.00	103.59	101.58	103.81	0.004541	3.76	753.78	246.25	0.38
Chiq-2-Oso	21446	2-EV	774.00	98.00	101.31	100.04	101.41	0.003958	2.56	302.23	159.64	0.33
Chiq-2-Oso	21146	100-EV	23142.00	98.00	111.52	105.74	111.96	0.004227	5.29	4376.38	499.06	0.31
Chiq-2-Oso	21146	50-EV	20294.00	98.00	110.48	105.19	110.91	0.004306	5.24	3871.88	464.92	0.32
Chiq-2-Oso	21146	25-EV	16913.00	98.00	108.96	104.35	109.39	0.005158	5.30	3191.94	436.97	0.35
Chiq-2-Oso	21146	10-EV	7591.00	98.00	105.18	101.82	105.51	0.006668	4.62	1643.64	348.82	0.38
Chiq-2-Oso	21146	5-EV	2832.00	98.00	102.32	100.12	102.48	0.004230	3.26	867.78	238.70	0.30
Chiq-2-Oso	21146	2-EV	774.00	98.00	100.01	98.94	100.09	0.004845	2.21	350.03	203.81	0.30
Chiq-2-Oso	20888	100-EV	23142.00	96.00	111.02	107.38	111.26	0.001621	3.99	5803.91	509.78	0.21
Chiq-2-Oso	20888	50-EV	20294.00	96.00	109.96	107.38	110.19	0.001690	3.85	5266.48	504.65	0.21
Chiq-2-Oso	20888	25-EV	16913.00	96.00	108.34	105.86	108.56	0.001935	3.79	4457.49	488.52	0.22
Chiq-2-Oso	20888	10-EV	7591.00	96.00	104.52	102.64	104.64	0.001805	2.83	2683.37	443.65	0.20
Chiq-2-Oso	20888	5-EV	2832.00	96.00	101.74	100.12	101.80	0.001695	1.92	1477.21	423.26	0.18
Chiq-2-Oso	20888	2-EV	774.00	96.00	99.54	98.94	99.56	0.001057	1.18	654.20	280.56	0.14
Chiq-2-Oso	20628	100-EV	23142.00	96.02	110.52	107.38	110.80	0.001906	4.25	5450.40	500.79	0.23
Chiq-2-Oso	20628	50-EV	20294.00	96.02	109.44	107.38	109.70	0.002047	4.14	4907.31	497.38	0.23
Chiq-2-Oso	20628	25-EV	16913.00	96.02	107.70	105.86	107.97	0.002628	4.18	4050.71	491.95	0.26
Chiq-2-Oso	20628	10-EV	7591.00	96.02	103.75	102.64	103.94	0.004240	3.56	2129.33	478.54	0.30
Chiq-2-Oso	20628	5-EV	2832.00	96.02	100.99	100.12	101.11	0.004431	2.79	1016.39	338.75	0.28
Chiq-2-Oso	20628	2-EV	774.00	96.02	99.01	98.94	99.06	0.004368	1.86	416.62	255.70	0.26
Chiq-2-Oso	20214	100-EV	23142.00	93.43	110.04	107.38	110.21	0.001000	3.31	6983.88	669.14	0.18
Chiq-2-Oso	20214	50-EV	20294.00	93.43	108.91	107.38	109.07	0.001077	3.26	6231.69	654.58	0.19
Chiq-2-Oso	20214	25-EV	16913.00	93.43	106.99	105.86	107.17	0.001405	3.37	5013.78	609.29	0.21
Chiq-2-Oso	20214	10-EV	7591.00	93.43	102.65	102.64	102.78	0.001940	2.89	2629.64	509.60	0.22
Chiq-2-Oso	20214	5-EV	2832.00	93.43	99.45	100.12	99.56	0.003215	2.61	1086.96	404.34	0.28
Chiq-2-Oso	20214	2-EV	774.00	93.43	97.40	97.45	97.45	0.003522	1.77	438.38	249.83	0.23
Chiq-2-Oso	19936	100-EV	23142.00	92.08	109.39	102.45	109.74	0.002562	5.02	5070.25	804.14	0.35
Chiq-2-Oso	19936	50-EV	20294.00	92.08	108.08	101.61	108.52	0.002973	5.66	4052.06	623.72	0.37
Chiq-2-Oso	19936	25-EV	16913.00	92.08	105.75	100.83	106.38	0.004640	6.63	2870.03	458.44	0.40
Chiq-2-Oso	19936	10-EV	7591.00	92.08	101.24	98.15	101.77	0.006188	5.85	1297.45	204.43	0.41
Chiq-2-Oso	19936	5-EV	2832.00	92.08	97.79	96.21	98.11	0.008730	4.52	626.31	184.34	0.43
Chiq-2-Oso	19936	2-EV	774.00	92.08	95.77	94.92	95.90	0.009691	2.85	271.14	165.66	0.39
Chiq-2-Oso	19803		Bridge									
Chiq-2-Oso	19802	100-EV	23190.00	90.60	106.36	107.38	107.23	0.005751	7.53	3256.94	514.33	0.40
Chiq-2-Oso	19802	50-EV	20337.00	90.60	105.60	106.39	106.39	0.005398	7.14	2898.46	387.38	0.38
Chiq-2-Oso	19802	25-EV	16945.00	90.60	104.43	105.12	105.12	0.005111	6.68	2537.50	254.08	0.37
Chiq-2-Oso	19802	10-EV	7592.00	90.60	100.40	100.76	100.76	0.003896	4.82	1576.17	224.17	0.32
Chiq-2-Oso	19802	5-EV	2835.00	90.60	96.73	96.92	96.92	0.004144	3.55	798.87	199.18	0.31
Chiq-2-Oso	19802	2-EV	752.00	90.60	94.07	94.17	94.17	0.005349	2.52	298.93	156.10	0.32
Chiq-2-Oso	19502	100-EV	23190.00	88.98	105.78	107.38	106.01	0.001848	3.87	6117.39	693.49	0.21
Chiq-2-Oso	19502	50-EV	20337.00	88.98	105.01	105.22	105.22	0.001831	3.68	5604.72	652.54	0.20
Chiq-2-Oso	19502	25-EV	16945.00	88.98	103.79	103.98	103.98	0.001944	3.51	4840.59	589.99	0.21
Chiq-2-Oso	19502	10-EV	7592.00	88.98	99.51	99.64	99.64	0.002910	2.96	2562.97	514.91	0.23
Chiq-2-Oso	19502	5-EV	2835.00	88.98	95.50	95.65	95.65	0.004183	3.10	913.79	278.36	0.30
Chiq-2-Oso	19502	2-EV	752.00	88.98	92.32	90.94	92.48	0.005815	3.24	232.31	103.20	0.38
Chiq-2-Oso	19051	100-EV	23190.00	85.16	104.33	97.88	104.77	0.004325	5.47	4617.45	627.81	0.31
Chiq-2-Oso	19051	50-EV	20337.00	85.16	103.54	97.07	103.96	0.004608	5.34	4123.07	618.70	0.31
Chiq-2-Oso	19051	25-EV	16945.00	85.16	102.17	96.18	102.62	0.005052	5.42	3310.32	556.96	0.33

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	19051	10-EV	7592.00	85.16	97.50	93.32	97.87	0.005458	4.84	1569.18	268.66	0.35
Chiq-2-Oso	19051	5-EV	2835.00	85.16	92.94	90.37	93.27	0.006766	4.59	617.36	173.20	0.43
Chiq-2-Oso	19051	2-EV	752.00	85.16	89.30	87.98	89.54	0.007335	3.92	191.76	75.72	0.43
Chiq-2-Oso	18639	100-EV	23190.00	83.82	102.26	94.38	102.86	0.004837	6.36	3917.01	465.92	0.34
Chiq-2-Oso	18639	50-EV	20337.00	83.82	101.57	93.66	102.11	0.004325	5.97	3615.95	413.72	0.32
Chiq-2-Oso	18639	25-EV	16945.00	83.82	100.24	92.73	100.74	0.004091	5.75	3094.14	368.30	0.31
Chiq-2-Oso	18639	10-EV	7592.00	83.82	96.02	89.54	96.28	0.002764	4.14	1833.18	218.00	0.25
Chiq-2-Oso	18639	5-EV	2835.00	83.82	91.56	87.17	91.69	0.002323	2.93	968.79	171.46	0.22
Chiq-2-Oso	18639	2-EV	752.00	83.82	88.19	85.50	88.23	0.001648	1.66	451.74	137.09	0.16
Chiq-2-Oso	18111	100-EV	23190.00	82.72	98.05		98.70	0.015093	6.43	3608.47	737.97	0.51
Chiq-2-Oso	18111	50-EV	20337.00	82.72	97.42		98.07	0.016819	6.46	3148.09	694.17	0.53
Chiq-2-Oso	18111	25-EV	16945.00	82.72	96.27		96.98	0.015149	6.76	2507.15	493.61	0.53
Chiq-2-Oso	18111	10-EV	7592.00	82.72	92.72		93.38	0.015141	6.50	1168.51	259.40	0.54
Chiq-2-Oso	18111	5-EV	2835.00	82.72	89.09		89.51	0.008909	5.23	542.52	130.12	0.45
Chiq-2-Oso	18111	2-EV	752.00	82.72	86.34		86.53	0.008657	3.42	219.81	105.75	0.42
Chiq-2-Oso	17706	100-EV	23190.00	79.52	94.91	90.05	95.54	0.004734	6.40	3873.35	695.14	0.39
Chiq-2-Oso	17706	50-EV	20337.00	79.52	94.26	89.53	94.84	0.004592	6.12	3450.92	608.56	0.38
Chiq-2-Oso	17706	25-EV	16945.00	79.52	92.06	88.83	92.82	0.007387	7.00	2420.07	388.66	0.49
Chiq-2-Oso	17706	10-EV	7592.00	79.52	88.72	86.27	89.23	0.007248	5.73	1325.87	278.82	0.46
Chiq-2-Oso	17706	5-EV	2835.00	79.52	85.42	83.81	85.82	0.009256	5.11	554.89	174.93	0.51
Chiq-2-Oso	17706	2-EV	752.00	79.52	82.88	81.90	83.08	0.008309	3.63	207.40	105.71	0.46
Chiq-2-Oso	17618	100-EV	23190.00	78.87	94.38	87.95	95.10	0.004872	6.93	3647.51	652.33	0.38
Chiq-2-Oso	17618	50-EV	20337.00	78.87	93.79	87.27	94.43	0.004515	6.53	3320.21	580.30	0.37
Chiq-2-Oso	17618	25-EV	16945.00	78.87	91.45	86.44	92.23	0.006071	7.11	2389.34	304.94	0.42
Chiq-2-Oso	17618	10-EV	7592.00	78.87	88.43	83.59	88.76	0.003352	4.60	1649.23	224.99	0.30
Chiq-2-Oso	17618	5-EV	2835.00	78.87	85.28	81.48	85.41	0.002023	2.86	992.51	192.73	0.22
Chiq-2-Oso	17618	2-EV	752.00	78.87	82.83	80.02	82.86	0.000823	1.37	550.03	168.38	0.13
Chiq-2-Oso	17514	100-EV	23190.00	78.31	93.99	89.47	94.53	0.005201	5.98	4217.21	878.41	0.36
Chiq-2-Oso	17514	50-EV	20337.00	78.31	93.39	89.04	93.89	0.005139	5.74	3763.99	824.51	0.36
Chiq-2-Oso	17514	25-EV	16945.00	78.31	90.47	88.48	91.34	0.012820	7.51	2256.74	398.65	0.56
Chiq-2-Oso	17514	10-EV	7592.00	78.31	87.14	85.70	87.99	0.021369	7.42	1023.19	315.72	0.73
Chiq-2-Oso	17514	5-EV	2835.00	78.31	84.36	83.22	84.91	0.015853	5.95	476.41	146.37	0.58
Chiq-2-Oso	17514	2-EV	752.00	78.31	82.48	81.32	82.65	0.009203	3.29	228.38	115.92	0.41
Chiq-2-Oso	17407	100-EV	31315.00	77.06	92.18	89.52	93.64	0.010153	9.81	3529.40	837.37	0.59
Chiq-2-Oso	17407	50-EV	28150.00	77.06	91.56	89.02	93.00	0.010387	9.66	3092.69	673.07	0.60
Chiq-2-Oso	17407	25-EV	17091.00	77.06	88.87	87.09	90.05	0.010862	8.70	1965.09	334.13	0.63
Chiq-2-Oso	17407	10-EV	7541.00	77.06	85.45	83.96	86.36	0.011309	7.64	986.43	216.58	0.63
Chiq-2-Oso	17407	5-EV	2801.00	77.06	82.15	81.77	82.97	0.020252	7.26	385.61	152.15	0.80
Chiq-2-Oso	17407	2-EV	871.00	77.06	79.76	79.76	80.60	0.044646	7.37	118.23	70.44	1.00
Chiq-2-Oso	17310	100-EV	31315.00	75.75	91.99	86.74	92.74	0.005227	7.11	4818.62	741.88	0.38
Chiq-2-Oso	17310	50-EV	28150.00	75.75	91.38	86.23	92.08	0.005199	6.86	4412.52	619.75	0.38
Chiq-2-Oso	17310	25-EV	17091.00	75.75	88.63	84.02	89.15	0.005136	5.82	3041.79	438.92	0.36
Chiq-2-Oso	17310	10-EV	7541.00	75.75	85.21	81.07	85.51	0.004619	4.41	1708.30	312.22	0.33
Chiq-2-Oso	17310	5-EV	2801.00	75.75	82.05	78.93	82.21	0.002685	3.16	885.24	206.58	0.27
Chiq-2-Oso	17310	2-EV	871.00	75.75	79.60	77.61	79.67	0.001692	1.99	438.35	160.49	0.21
Chiq-2-Oso	16902	100-EV	31315.00	74.69	89.97	84.95	90.72	0.004672	6.96	4548.89	705.63	0.45
Chiq-2-Oso	16902	50-EV	28150.00	74.69	89.31	84.47	90.05	0.004770	6.88	4107.14	633.50	0.46
Chiq-2-Oso	16902	25-EV	17091.00	74.69	86.66	82.55	87.24	0.004276	6.09	2805.41	389.64	0.40
Chiq-2-Oso	16902	10-EV	7541.00	74.69	83.66	80.47	83.95	0.003210	4.29	1756.24	323.22	0.32
Chiq-2-Oso	16902	5-EV	2801.00	74.69	80.89	78.59	81.03	0.003096	3.07	913.51	287.35	0.30
Chiq-2-Oso	16902	2-EV	871.00	74.69	78.44	77.00	78.55	0.005056	2.74	318.03	163.44	0.35
Chiq-2-Oso	16381	100-EV	31315.00	72.46	88.31	83.44	88.69	0.002985	4.94	6336.38	771.20	0.30
Chiq-2-Oso	16381	50-EV	28150.00	72.46	87.58	83.15	87.95	0.003129	4.87	5774.81	764.79	0.31
Chiq-2-Oso	16381	25-EV	17091.00	72.46	84.69	81.90	85.03	0.003942	4.71	3625.59	710.02	0.37
Chiq-2-Oso	16381	10-EV	7541.00	72.46	81.33	78.88	81.76	0.005680	5.25	1436.07	497.89	0.55
Chiq-2-Oso	16381	5-EV	2801.00	72.46	79.00	76.26	79.23	0.003882	3.84	728.95	202.81	0.36
Chiq-2-Oso	16381	2-EV	871.00	72.46	77.02	74.57	77.09	0.001768	2.18	399.56	131.44	0.22
Chiq-2-Oso	16031	100-EV	31315.00	71.92	87.31	80.99	87.66	0.002852	4.69	6670.58	865.68	0.30
Chiq-2-Oso	16031	50-EV	28150.00	71.92	86.51	80.57	86.86	0.003053	4.71	5981.87	854.01	0.31
Chiq-2-Oso	16031	25-EV	17091.00	71.92	83.29	78.89	83.65	0.003899	4.84	3533.80	583.29	0.35
Chiq-2-Oso	16031	10-EV	7541.00	71.92	79.23	76.96	79.57	0.006727	4.66	1619.05	390.30	0.40
Chiq-2-Oso	16031	5-EV	2801.00	71.92	76.30	75.70	76.62	0.019392	4.52	619.64	322.16	0.57
Chiq-2-Oso	16031	2-EV	871.00	71.92	74.84	74.84	75.21	0.070940	4.85	179.76	246.86	1.00
Chiq-2-Oso	15581	100-EV	31315.00	68.33	83.82	79.13	85.39	0.009578	10.04	3119.23	280.22	0.53
Chiq-2-Oso	15581	50-EV	28150.00	68.33	83.03	78.45	84.49	0.009693	9.71	2898.58	274.72	0.53
Chiq-2-Oso	15581	25-EV	17091.00	68.33	80.13	75.78	81.13	0.008250	7.99	2138.50	248.94	0.48
Chiq-2-Oso	15581	10-EV	7541.00	68.33	76.51	72.90	77.00	0.004872	5.60	1346.82	197.87	0.38
Chiq-2-Oso	15581	5-EV	2801.00	68.33	73.72	70.89	73.91	0.002845	3.41	822.00	179.50	0.28
Chiq-2-Oso	15581	2-EV	871.00	68.33	71.72	69.70	71.77	0.001480	1.83	475.28	166.23	0.19

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	15118	100-EV	31315.00	67.83	81.29	76.17	82.24	0.004256	7.83	4000.00	395.62	0.43
Chiq-2-Oso	15118	50-EV	28150.00	67.83	80.27	75.70	81.21	0.004680	7.81	3605.77	376.30	0.44
Chiq-2-Oso	15118	25-EV	17091.00	67.83	77.44	73.88	78.11	0.004773	6.58	2598.94	343.80	0.42
Chiq-2-Oso	15118	10-EV	7541.00	67.83	74.52	71.91	74.86	0.004093	4.63	1628.36	321.84	0.36
Chiq-2-Oso	15118	5-EV	2801.00	67.83	72.37	70.57	72.50	0.003128	2.94	951.78	305.84	0.29
Chiq-2-Oso	15118	2-EV	871.00	67.83	70.87	69.30	70.92	0.002382	1.74	501.62	293.78	0.23
Chiq-2-Oso	14486		Bridge									
Chiq-2-Oso	14485	100-EV	31315.00	61.96	79.72	71.18	80.67	0.000605	7.83	4005.64	291.21	0.35
Chiq-2-Oso	14485	50-EV	28150.00	61.96	78.54	70.57	79.44	0.000635	7.61	3700.36	259.23	0.35
Chiq-2-Oso	14485	25-EV	17091.00	61.96	73.87	68.21	74.57	0.000752	6.73	2540.35	239.38	0.36
Chiq-2-Oso	14485	10-EV	7541.00	61.96	68.75	65.64	69.22	0.001034	5.52	1367.01	217.93	0.39
Chiq-2-Oso	14485	5-EV	2801.00	61.96	65.38	63.89	65.66	0.001507	4.26	658.01	202.97	0.42
Chiq-2-Oso	14485	2-EV	871.00	61.96	63.60	62.85	63.73	0.001764	2.84	306.87	192.91	0.40
Chiq-2-Oso	14277	100-EV	31315.00	61.13	77.41	73.08	79.98	0.001970	12.86	2434.61	176.22	0.61
Chiq-2-Oso	14277	50-EV	28150.00	61.13	76.31	72.31	78.76	0.002041	12.55	2243.03	172.62	0.61
Chiq-2-Oso	14277	25-EV	17091.00	61.13	72.00	69.26	73.94	0.002422	11.17	1529.48	158.49	0.63
Chiq-2-Oso	14277	10-EV	7541.00	61.13	67.30	65.91	68.61	0.003310	9.19	820.31	143.08	0.68
Chiq-2-Oso	14277	5-EV	2801.00	61.13	64.18	63.63	64.98	0.004990	7.19	389.39	132.85	0.74
Chiq-2-Oso	14277	2-EV	871.00	61.13	62.33	62.28	62.86	0.010917	5.80	150.15	126.81	0.94
Chiq-2-Oso	14166	100-EV	31315.00	59.38	77.49	71.82	79.53	0.001450	11.48	2728.11	187.06	0.53
Chiq-2-Oso	14166	50-EV	28150.00	59.38	76.38	71.05	78.31	0.001487	11.16	2522.52	183.24	0.53
Chiq-2-Oso	14166	25-EV	17091.00	59.38	72.02	68.06	73.49	0.001647	9.73	1756.52	168.22	0.53
Chiq-2-Oso	14166	10-EV	7541.00	59.38	67.23	64.80	68.13	0.001900	7.61	991.16	151.74	0.52
Chiq-2-Oso	14166	5-EV	2801.00	59.38	64.02	62.56	64.47	0.002038	5.38	521.02	140.66	0.49
Chiq-2-Oso	14166	2-EV	871.00	59.38	62.04	61.25	62.23	0.002145	3.48	249.99	133.85	0.45
Chiq-2-Oso	13965		Bridge									
Chiq-2-Oso	13964	100-EV	31315.00	59.29	77.04	71.26	79.04	0.001433	11.37	2755.03	188.27	0.52
Chiq-2-Oso	13964	50-EV	28150.00	59.29	75.92	70.50	77.82	0.001490	11.05	2546.43	184.41	0.52
Chiq-2-Oso	13964	25-EV	17091.00	59.29	71.52	67.53	72.97	0.001776	9.66	1768.76	169.26	0.53
Chiq-2-Oso	13964	10-EV	7541.00	59.29	66.65	64.28	67.56	0.002316	7.65	985.66	152.49	0.53
Chiq-2-Oso	13964	5-EV	2801.00	59.29	63.38	62.06	63.86	0.002864	5.54	505.48	141.22	0.52
Chiq-2-Oso	13964	2-EV	871.00	59.29	61.22	60.75	61.49	0.005174	4.17	208.65	133.79	0.59
Chiq-2-Oso	13772	100-EV	31315.00	56.94	76.44	70.77	78.68	0.001550	12.03	2603.35	235.04	0.54
Chiq-2-Oso	13772	50-EV	28150.00	56.94	75.36	69.96	77.46	0.001594	11.62	2421.84	203.35	0.54
Chiq-2-Oso	13772	25-EV	17091.00	56.94	71.09	66.81	72.61	0.001745	9.89	1727.31	155.92	0.52
Chiq-2-Oso	13772	10-EV	7541.00	56.94	66.27	63.35	67.13	0.001921	7.45	1012.77	140.74	0.49
Chiq-2-Oso	13772	5-EV	2801.00	56.94	63.01	60.97	63.39	0.001735	4.91	570.69	130.46	0.41
Chiq-2-Oso	13772	2-EV	871.00	56.94	60.77	59.26	60.92	0.001627	3.04	286.67	123.41	0.35
Chiq-2-Oso	13595	100-EV	31315.00	57.59	75.67	70.85	78.28	0.001875	12.96	2417.17	213.20	0.59
Chiq-2-Oso	13595	50-EV	28150.00	57.59	74.61	70.02	77.05	0.001928	12.52	2248.43	202.46	0.59
Chiq-2-Oso	13595	25-EV	17091.00	57.59	70.41	66.80	72.19	0.002153	10.71	1595.71	148.96	0.58
Chiq-2-Oso	13595	10-EV	7541.00	57.59	65.65	63.26	66.69	0.002493	8.18	921.60	134.64	0.55
Chiq-2-Oso	13595	5-EV	2801.00	57.59	62.56	60.84	63.01	0.002244	5.39	520.07	125.34	0.47
Chiq-2-Oso	13595	2-EV	871.00	57.59	60.38	59.30	60.56	0.002329	3.44	253.46	118.75	0.41
Chiq-2-Oso	13428		Bridge									
Chiq-2-Oso	13427	100-EV	31315.00	55.69	64.93	67.22	73.01	0.012176	22.81	1372.92	183.90	1.47
Chiq-2-Oso	13427	50-EV	28150.00	55.69	64.46	66.53	71.89	0.012116	21.86	1287.66	182.02	1.45
Chiq-2-Oso	13427	25-EV	17091.00	55.69	62.71	63.84	67.49	0.011066	17.54	974.64	175.07	1.31
Chiq-2-Oso	13427	10-EV	7541.00	55.69	60.92	60.90	62.90	0.007373	11.27	669.17	167.40	0.99
Chiq-2-Oso	13427	5-EV	2801.00	55.69	58.99	58.86	59.96	0.008130	7.89	354.97	155.62	0.92
Chiq-2-Oso	13427	2-EV	871.00	55.69	57.93	57.60	58.24	0.005672	4.47	194.67	148.25	0.69
Chiq-2-Oso	13088	100-EV	31315.00	53.14	67.15	65.27	70.68	0.002936	15.07	2077.30	181.42	0.79
Chiq-2-Oso	13088	50-EV	28150.00	53.14	66.21	64.54	69.59	0.003111	14.75	1908.87	177.90	0.79
Chiq-2-Oso	13088	25-EV	17091.00	53.14	63.10	61.63	65.50	0.003314	12.45	1373.21	166.20	0.76
Chiq-2-Oso	13088	10-EV	7541.00	53.14	59.26	60.78	60.78	0.004348	9.87	763.88	151.79	0.78
Chiq-2-Oso	13088	5-EV	2801.00	53.14	56.59	57.47	57.47	0.006405	7.54	371.62	141.75	0.82
Chiq-2-Oso	13088	2-EV	871.00	53.14	54.77	54.77	55.39	0.012551	6.32	137.91	113.36	1.01
Oso-2-Ocean	12592	100-EV	32088.00	50.03	68.09	60.97	69.32	0.000778	8.92	3595.74	249.90	0.41
Oso-2-Ocean	12592	50-EV	28749.00	50.03	67.09	60.32	68.23	0.000785	8.59	3348.52	245.91	0.41
Oso-2-Ocean	12592	25-EV	17454.00	50.03	63.59	57.87	64.34	0.000731	6.95	2512.86	231.92	0.37
Oso-2-Ocean	12592	10-EV	7725.00	50.03	59.40	55.20	59.77	0.000654	4.90	1575.33	215.14	0.32
Oso-2-Ocean	12592	5-EV	3008.00	50.03	56.55	53.27	56.70	0.000470	3.07	979.45	203.76	0.25
Oso-2-Ocean	12592	2-EV	983.00	50.03	54.48	51.92	54.52	0.000269	1.72	571.35	184.60	0.17
Oso-2-Ocean	12293	100-EV	45346.00	50.16	63.58	63.14	68.42	0.004628	17.65	2569.47	239.08	0.95
Oso-2-Ocean	12293	50-EV	40722.00	50.16	62.67	62.38	67.32	0.004966	17.31	2352.71	235.42	0.97
Oso-2-Ocean	12293	25-EV	26010.00	50.16	59.77	59.68	63.46	0.005962	15.40	1688.65	223.85	0.99
Oso-2-Ocean	12293	10-EV	12404.00	50.16	56.89	56.60	59.02	0.006249	11.71	1059.28	212.31	0.92
Oso-2-Ocean	12293	5-EV	5619.00	50.16	54.94	54.94	56.09	0.006277	8.59	654.24	204.54	0.85

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Oso-2-Ocean	12293	2-EV	2249.00	50.16	53.46		54.07	0.006085	6.26	359.31	173.85	0.77
Oso-2-Ocean	11991	100-EV	45346.00	47.56	63.28		66.97	0.002988	15.41	2942.71	245.11	0.78
Oso-2-Ocean	11991	50-EV	40722.00	47.56	62.25		65.80	0.003212	15.13	2692.22	240.99	0.80
Oso-2-Ocean	11991	25-EV	26010.00	47.56	58.77		61.75	0.004212	13.84	1879.11	227.09	0.85
Oso-2-Ocean	11991	10-EV	12404.00	47.56	55.26	54.77	57.21	0.005424	11.21	1106.26	213.04	0.87
Oso-2-Ocean	11991	5-EV	5619.00	47.56	53.19		54.27	0.005704	8.34	673.66	204.76	0.81
Oso-2-Ocean	11991	2-EV	2249.00	47.56	51.70		52.26	0.005830	6.01	374.49	186.56	0.75
Oso-2-Ocean	11618	100-EV	45346.00	45.04	62.29	59.70	65.93	0.002520	15.29	2965.45	226.18	0.74
Oso-2-Ocean	11618	50-EV	40722.00	45.04	61.21	58.87	64.69	0.002673	14.96	2722.59	221.85	0.75
Oso-2-Ocean	11618	25-EV	26010.00	45.04	57.45	55.95	60.31	0.003387	13.57	1916.23	206.80	0.79
Oso-2-Ocean	11618	10-EV	12404.00	45.04	53.29	52.60	55.30	0.004830	11.37	1090.65	190.16	0.84
Oso-2-Ocean	11618	5-EV	5619.00	45.04	50.76	50.40	52.02	0.006235	9.02	623.14	180.05	0.85
Oso-2-Ocean	11618	2-EV	2249.00	45.04	49.07	48.82	49.80	0.007387	6.84	328.70	160.88	0.84
Oso-2-Ocean	11317	100-EV	45346.00	43.62	58.68	58.64	64.68	0.004696	19.65	2308.20	192.89	1.00
Oso-2-Ocean	11317	50-EV	40722.00	43.62	57.86	57.74	63.43	0.004741	18.93	2151.63	189.62	0.99
Oso-2-Ocean	11317	25-EV	26010.00	43.62	54.90	54.53	58.97	0.004940	16.18	1607.26	177.76	0.95
Oso-2-Ocean	11317	10-EV	12404.00	43.62	51.29		53.72	0.005373	12.50	992.03	163.33	0.89
Oso-2-Ocean	11317	5-EV	5619.00	43.62	48.75		50.16	0.006068	9.54	589.18	153.15	0.86
Oso-2-Ocean	11317	2-EV	2249.00	43.62	46.81		47.64	0.006934	7.29	308.31	130.78	0.84
Oso-2-Ocean	11017	100-EV	45346.00	40.61	58.49		63.14	0.003131	17.30	2621.54	199.31	0.84
Oso-2-Ocean	11017	50-EV	40722.00	40.61	57.60		61.91	0.003151	16.65	2445.56	195.75	0.83
Oso-2-Ocean	11017	25-EV	26010.00	40.61	54.40		57.50	0.003201	14.14	1839.40	182.94	0.79
Oso-2-Ocean	11017	10-EV	12404.00	40.61	50.53		52.30	0.003211	10.67	1162.40	167.49	0.71
Oso-2-Ocean	11017	5-EV	5619.00	40.61	47.79		48.74	0.003172	7.82	718.13	156.52	0.64
Oso-2-Ocean	11017	2-EV	2249.00	40.61	45.75		46.22	0.002994	5.50	408.96	141.00	0.57
Oso-2-Ocean	10717	100-EV	45346.00	40.47	57.67	55.90	62.18	0.002983	17.03	2662.84	200.85	0.82
Oso-2-Ocean	10717	50-EV	40722.00	40.47	56.76	54.99	60.95	0.003013	16.41	2481.20	197.20	0.82
Oso-2-Ocean	10717	25-EV	26010.00	40.47	53.50	51.79	56.54	0.003099	13.99	1858.99	184.15	0.78
Oso-2-Ocean	10717	10-EV	12404.00	40.47	49.60	48.08	51.34	0.003131	10.58	1172.09	168.57	0.71
Oso-2-Ocean	10717	5-EV	5619.00	40.47	46.87	45.61	47.80	0.003056	7.73	726.81	157.65	0.63
Oso-2-Ocean	10717	2-EV	2249.00	40.47	44.89	43.84	45.33	0.002901	5.33	421.89	148.89	0.56
Oso-2-Ocean	10417	100-EV	45346.00	39.73	55.53	54.98	60.97	0.004840	18.70	2425.27	197.09	0.94
Oso-2-Ocean	10417	50-EV	40722.00	39.73	54.70	54.09	59.73	0.004818	18.00	2262.81	193.77	0.93
Oso-2-Ocean	10417	25-EV	26010.00	39.73	51.67	50.89	55.34	0.004769	15.35	1694.58	181.66	0.89
Oso-2-Ocean	10417	10-EV	12404.00	39.73	48.02	47.20	50.16	0.004717	11.72	1058.02	167.06	0.82
Oso-2-Ocean	10417	5-EV	5619.00	39.73	45.49	44.75	46.66	0.004622	8.68	647.36	156.92	0.75
Oso-2-Ocean	10417	2-EV	2249.00	39.73	43.69	42.94	44.26	0.004384	6.06	371.00	147.32	0.67
Oso-2-Ocean	10117	100-EV	45346.00	39.01	54.28	53.60	59.64	0.003931	18.56	2443.50	196.90	0.93
Oso-2-Ocean	10117	50-EV	40722.00	39.01	53.45	52.68	58.41	0.003949	17.85	2281.05	193.57	0.92
Oso-2-Ocean	10117	25-EV	26010.00	39.01	50.39		54.00	0.004089	15.24	1706.64	181.31	0.88
Oso-2-Ocean	10117	10-EV	12404.00	39.01	46.68		48.80	0.004325	11.68	1062.00	166.48	0.82
Oso-2-Ocean	10117	5-EV	5619.00	39.01	44.04		45.25	0.004741	8.83	636.18	155.92	0.77
Oso-2-Ocean	10117	2-EV	2249.00	39.01	42.10		42.77	0.005556	6.57	342.49	143.93	0.75
Oso-2-Ocean	9817	100-EV	45346.00	37.04	53.72	52.14	58.37	0.003141	17.31	2620.20	199.44	0.84
Oso-2-Ocean	9817	50-EV	40722.00	37.04	52.86	51.24	57.15	0.003137	16.62	2450.27	196.00	0.83
Oso-2-Ocean	9817	25-EV	26010.00	37.04	49.69	48.02	52.77	0.003153	14.07	1849.22	183.33	0.78
Oso-2-Ocean	9817	10-EV	12404.00	37.04	45.87	44.29	47.59	0.003082	10.53	1177.87	168.04	0.70
Oso-2-Ocean	9817	5-EV	5619.00	37.04	43.14	41.82	44.05	0.002952	7.65	734.50	157.13	0.62
Oso-2-Ocean	9817	2-EV	2249.00	37.04	41.12	40.04	41.56	0.002769	5.28	425.55	146.71	0.55
Oso-2-Ocean	9517	100-EV	45346.00	36.20	52.16	51.25	57.31	0.003694	18.20	2491.42	198.00	0.90
Oso-2-Ocean	9517	50-EV	40722.00	36.20	51.33		56.08	0.003694	17.48	2329.22	194.69	0.89
Oso-2-Ocean	9517	25-EV	26010.00	36.20	48.34		51.72	0.003669	14.74	1765.05	182.73	0.84
Oso-2-Ocean	9517	10-EV	12404.00	36.20	44.68		46.58	0.003606	11.05	1123.04	168.09	0.75
Oso-2-Ocean	9517	5-EV	5619.00	36.20	42.08		43.08	0.003480	8.04	699.07	157.68	0.67
Oso-2-Ocean	9517	2-EV	2249.00	36.20	40.11		40.61	0.003572	5.67	396.54	149.06	0.61
Oso-2-Ocean	9205	100-EV	45607.00	35.29	50.90	50.10	56.14	0.003771	18.36	2484.20	240.19	0.91
Oso-2-Ocean	9205	50-EV	40948.00	35.29	49.96	49.20	54.89	0.003892	17.81	2299.43	210.78	0.91
Oso-2-Ocean	9205	25-EV	26165.00	35.29	46.61	45.99	50.42	0.004429	15.66	1671.01	180.80	0.91
Oso-2-Ocean	9205	10-EV	12500.00	35.29	42.70	42.28	45.15	0.005441	12.57	994.49	165.15	0.90
Oso-2-Ocean	9205	5-EV	5676.00	35.29	40.15	39.82	41.60	0.006343	9.69	585.85	154.94	0.88
Oso-2-Ocean	9205	2-EV	2279.00	35.29	38.56	38.06	39.24	0.005422	6.57	346.89	143.10	0.74
Oso-2-Ocean	9085	100-EV	45607.00	34.68	50.72	49.36	55.54	0.004031	17.62	2588.92	199.16	0.86
Oso-2-Ocean	9085	50-EV	40948.00	34.68	49.76	48.46	54.28	0.004093	17.07	2398.80	195.30	0.86
Oso-2-Ocean	9085	25-EV	26165.00	34.68	46.31	45.24	49.79	0.004388	14.96	1749.23	181.51	0.85
Oso-2-Ocean	9085	10-EV	12500.00	34.68	42.20	41.50	44.46	0.005106	12.05	1037.48	165.09	0.85
Oso-2-Ocean	9085	5-EV	5676.00	34.68	39.36	39.03	40.83	0.006539	9.70	585.02	153.73	0.88
Oso-2-Ocean	9085	2-EV	2279.00	34.68	37.29	37.29	38.32	0.010352	8.12	280.54	136.33	1.00
Oso-2-Ocean	8985	100-EV	45607.00	33.38	50.81	48.44	54.99	0.003246	16.40	2780.53	201.12	0.78
Oso-2-Ocean	8985	50-EV	40948.00	33.38	49.84	47.52	53.73	0.003252	15.83	2587.01	197.23	0.77

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Oso-2-Ocean	8985	25-EV	26165.00	33.38	46.36	44.27	49.23	0.003258	13.59	1925.57	183.33	0.74
Oso-2-Ocean	8985	10-EV	12500.00	33.38	42.20	40.50	43.89	0.003245	10.44	1196.81	166.67	0.69
Oso-2-Ocean	8985	5-EV	5676.00	33.38	39.28	37.99	40.23	0.003231	7.80	727.53	155.00	0.63
Oso-2-Ocean	8985	2-EV	2279.00	33.38	37.15	36.16	37.64	0.003100	5.56	409.71	140.53	0.57
Oso-2-Ocean	8910	100-EV	45607.00	33.09	50.40	48.28	54.73	0.003373	16.69	2731.89	227.41	0.80
Oso-2-Ocean	8910	50-EV	40948.00	33.09	49.43	47.36	53.47	0.003390	16.13	2538.96	196.78	0.79
Oso-2-Ocean	8910	25-EV	26165.00	33.09	45.96	44.12	48.97	0.003447	13.91	1880.81	182.91	0.76
Oso-2-Ocean	8910	10-EV	12500.00	33.09	41.81	40.37	43.63	0.003552	10.81	1156.61	166.33	0.72
Oso-2-Ocean	8910	5-EV	5676.00	33.09	38.90	37.87	39.95	0.003773	8.23	689.35	154.68	0.69
Oso-2-Ocean	8910	2-EV	2279.00	33.09	36.78	36.08	37.36	0.004111	6.10	373.55	139.78	0.66
Oso-2-Ocean	8610	100-EV	45607.00	31.35	49.65	47.01	53.67	0.003064	16.09	2834.46	281.89	0.76
Oso-2-Ocean	8610	50-EV	40948.00	31.35	48.67	46.10	52.41	0.003066	15.52	2637.77	273.27	0.75
Oso-2-Ocean	8610	25-EV	26165.00	31.35	45.17	42.86	47.92	0.003048	13.30	1967.92	236.55	0.72
Oso-2-Ocean	8610	10-EV	12500.00	31.35	40.99	39.09	42.59	0.002970	10.15	1231.15	167.83	0.66
Oso-2-Ocean	8610	5-EV	5676.00	31.35	38.03	36.59	38.91	0.002912	7.55	751.72	155.99	0.61
Oso-2-Ocean	8610	2-EV	2279.00	31.35	35.82	34.82	36.28	0.002986	5.45	418.02	143.85	0.56
Oso-2-Ocean	8307	100-EV	45707.00	30.12	48.92	45.86	52.71	0.002816	15.62	2925.61	487.80	0.73
Oso-2-Ocean	8307	50-EV	41038.00	30.12	47.94	44.94	51.46	0.002806	15.05	2726.44	406.48	0.72
Oso-2-Ocean	8307	25-EV	26234.00	30.12	44.44	41.70	46.98	0.002723	12.80	2050.04	186.48	0.68
Oso-2-Ocean	8307	10-EV	12542.00	30.12	40.30	37.94	41.72	0.002471	9.56	1311.89	169.91	0.61
Oso-2-Ocean	8307	5-EV	5703.00	30.12	37.39	35.44	38.12	0.002119	6.83	835.25	158.29	0.52
Oso-2-Ocean	8307	2-EV	2293.00	30.12	35.25	33.54	35.57	0.001709	4.54	504.66	148.89	0.44
Oso-2-Ocean	8041	100-EV	45707.00	30.32	45.68	45.60	51.57	0.004537	19.46	2348.33	326.70	0.99
Oso-2-Ocean	8041	50-EV	41038.00	30.32	44.85	44.69	50.32	0.004593	18.77	2186.88	265.36	0.98
Oso-2-Ocean	8041	25-EV	26234.00	30.32	41.83	41.49	45.88	0.004881	16.15	1624.60	180.29	0.95
Oso-2-Ocean	8041	10-EV	12542.00	30.32	38.12	37.80	40.65	0.005711	12.77	982.16	165.42	0.92
Oso-2-Ocean	8041	5-EV	5703.00	30.32	35.57	35.34	37.10	0.006881	9.95	573.37	155.22	0.91
Oso-2-Ocean	8041	2-EV	2293.00	30.32	33.66	33.55	34.63	0.008777	7.88	290.84	131.03	0.93
Oso-2-Ocean	7746	100-EV	45707.00	28.87	45.51	43.82	50.12	0.002935	17.21	2655.99	199.74	0.83
Oso-2-Ocean	7746	50-EV	41038.00	28.87	44.63	42.90	48.88	0.002938	16.54	2481.28	196.21	0.82
Oso-2-Ocean	7746	25-EV	26234.00	28.87	41.44	39.67	44.48	0.002942	13.99	1874.87	183.43	0.77
Oso-2-Ocean	7746	10-EV	12542.00	28.87	37.45	35.92	39.22	0.003031	10.66	1176.03	167.50	0.71
Oso-2-Ocean	7746	5-EV	5703.00	28.87	34.71	33.43	35.65	0.002953	7.80	730.98	156.51	0.64
Oso-2-Ocean	7746	2-EV	2293.00	28.87	32.71	31.61	33.16	0.002676	5.37	427.38	144.81	0.55
Oso-2-Ocean	7417	100-EV	45707.00	28.34	42.80	42.80	48.80	0.004495	19.64	2327.15	239.80	1.00
Oso-2-Ocean	7417	50-EV	41038.00	28.34	41.89	41.89	47.55	0.004653	19.07	2152.03	202.02	1.00
Oso-2-Ocean	7417	25-EV	26234.00	28.34	38.68	38.68	43.07	0.005335	16.81	1561.04	177.65	1.00
Oso-2-Ocean	7417	10-EV	12542.00	28.34	35.28	34.96	37.83	0.005527	12.80	979.56	164.04	0.92
Oso-2-Ocean	7417	5-EV	5703.00	28.34	32.91	32.49	34.30	0.005616	9.47	602.07	154.56	0.85
Oso-2-Ocean	7417	2-EV	2293.00	28.34	31.19	30.81	31.89	0.005818	6.70	342.21	146.49	0.77
Oso-2-Ocean	7118	100-EV	45707.00	25.87	40.39	41.16	47.23	0.005475	20.99	2177.82	194.44	1.10
Oso-2-Ocean	7118	50-EV	41038.00	25.87	39.59	40.25	45.96	0.005553	20.25	2026.97	187.76	1.09
Oso-2-Ocean	7118	25-EV	26234.00	25.87	37.43	37.03	41.45	0.004561	16.08	1631.02	179.12	0.94
Oso-2-Ocean	7118	10-EV	12542.00	25.87	33.91	33.31	36.24	0.004679	12.22	1025.95	165.06	0.86
Oso-2-Ocean	7118	5-EV	5703.00	25.87	31.39	30.84	32.70	0.004955	9.16	622.39	154.97	0.81
Oso-2-Ocean	7118	2-EV	2293.00	25.87	29.53	29.06	30.23	0.005276	6.67	343.60	140.30	0.75
Oso-2-Ocean	6817	100-EV	45707.00	24.71	40.58	39.66	45.73	0.003299	18.21	2510.09	394.41	0.90
Oso-2-Ocean	6817	50-EV	41038.00	24.71	39.73	38.74	44.50	0.003309	17.51	2343.49	358.39	0.89
Oso-2-Ocean	6817	25-EV	26234.00	24.71	36.69	35.54	40.11	0.003317	14.82	1770.12	182.65	0.84
Oso-2-Ocean	6817	10-EV	12542.00	24.71	33.05	31.82	34.96	0.003222	11.09	1130.65	168.06	0.75
Oso-2-Ocean	6817	5-EV	5703.00	24.71	30.43	29.35	31.45	0.003098	8.08	705.53	157.62	0.67
Oso-2-Ocean	6817	2-EV	2293.00	24.71	28.52	27.66	29.00	0.002961	5.58	410.77	149.90	0.59
Oso-2-Ocean	6517	100-EV	45707.00	23.72	39.69	38.61	44.67	0.003415	17.91	2551.36	592.04	0.89
Oso-2-Ocean	6517	50-EV	41038.00	23.72	38.80	37.71	43.44	0.003457	17.27	2375.65	567.26	0.88
Oso-2-Ocean	6517	25-EV	26234.00	23.72	35.67	34.54	39.06	0.003594	14.78	1775.55	219.42	0.84
Oso-2-Ocean	6517	10-EV	12542.00	23.72	31.94	30.86	33.91	0.003711	11.26	1114.26	170.13	0.78
Oso-2-Ocean	6517	5-EV	5703.00	23.72	29.38	28.42	30.44	0.003657	8.25	690.87	159.87	0.70
Oso-2-Ocean	6517	2-EV	2293.00	23.72	27.55	26.78	28.05	0.003420	5.66	405.19	152.55	0.61
Oso-2-Ocean	6217	100-EV	45707.00	22.81	38.98	37.45	43.59	0.003082	17.21	2656.14	401.02	0.84
Oso-2-Ocean	6217	50-EV	41038.00	22.81	38.05	36.54	42.35	0.003144	16.63	2467.46	384.17	0.84
Oso-2-Ocean	6217	25-EV	26234.00	22.81	34.75	33.39	37.96	0.003376	14.37	1825.81	245.52	0.81
Oso-2-Ocean	6217	10-EV	12542.00	22.81	30.85	29.76	32.79	0.003721	11.17	1123.16	172.24	0.77
Oso-2-Ocean	6217	5-EV	5703.00	22.81	28.12	27.34	29.26	0.004204	8.54	688.14	161.33	0.74
Oso-2-Ocean	6217	2-EV	2293.00	22.81	26.20	25.72	26.81	0.004944	6.27	365.78	153.65	0.72
Oso-2-Ocean	5917	100-EV	45707.00	21.95	38.83	35.97	42.55	0.002177	15.48	2952.77	415.94	0.73
Oso-2-Ocean	5917	50-EV	41038.00	21.95	37.84	35.08	41.32	0.002218	14.96	2743.08	400.25	0.73
Oso-2-Ocean	5917	25-EV	26234.00	21.95	34.36	31.96	36.93	0.002339	12.87	2038.44	336.53	0.70
Oso-2-Ocean	5917	10-EV	12542.00	21.95	30.26	28.34	31.76	0.002441	9.85	1272.93	177.88	0.65
Oso-2-Ocean	5917	5-EV	5703.00	21.95	27.37	25.94	28.20	0.002527	7.34	776.46	165.65	0.60
Oso-2-Ocean	5917	2-EV	2293.00	21.95	25.24	24.33	25.68	0.002755	5.28	434.33	156.66	0.56

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Oso-2-Ocean	5617	100-EV	45707.00	20.93	38.47	34.86	41.83	0.001878	14.70	3108.96	506.07	0.68
Oso-2-Ocean	5617	50-EV	41038.00	20.93	37.47	33.97	40.59	0.001901	14.18	2894.01	455.86	0.68
Oso-2-Ocean	5617	25-EV	26234.00	20.93	33.93	30.86	36.20	0.001948	12.09	2170.62	284.81	0.64
Oso-2-Ocean	5617	10-EV	12542.00	20.93	29.77	27.26	31.05	0.001902	9.06	1384.01	180.90	0.58
Oso-2-Ocean	5617	5-EV	5703.00	20.93	26.86	24.88	27.52	0.001756	6.52	874.28	169.25	0.51
Oso-2-Ocean	5617	2-EV	2293.00	20.93	24.73	23.28	25.03	0.001534	4.39	522.87	160.73	0.43
Oso-2-Ocean	5248	100-EV	45707.00	19.58	37.80	34.23	41.10	0.001936	14.56	3139.80	220.97	0.68
Oso-2-Ocean	5248	50-EV	41038.00	19.58	36.77	33.37	39.85	0.001979	14.08	2914.31	216.85	0.68
Oso-2-Ocean	5248	25-EV	26234.00	19.58	33.10	30.32	35.43	0.002160	12.23	2144.94	202.16	0.66
Oso-2-Ocean	5248	10-EV	12542.00	19.58	28.79	26.82	30.22	0.002429	9.57	1311.16	184.93	0.63
Oso-2-Ocean	5248	5-EV	5703.00	19.58	25.89	24.49	26.70	0.002619	7.21	790.95	173.31	0.60
Oso-2-Ocean	5248	2-EV	2293.00	19.58	23.88	22.89	24.28	0.002603	5.08	451.29	162.91	0.54
Oso-2-Ocean	5048		Bridge									
Oso-2-Ocean	5036	100-EV	45707.00	17.96	34.12	32.62	38.64	0.002978	17.06	2679.91	273.29	0.84
Oso-2-Ocean	5036	50-EV	41038.00	17.96	33.28	31.75	37.45	0.002975	16.38	2505.60	267.31	0.83
Oso-2-Ocean	5036	25-EV	26234.00	17.96	30.18	28.66	33.20	0.003047	13.94	1881.76	243.90	0.79
Oso-2-Ocean	5036	10-EV	12542.00	17.96	26.51	25.13	28.22	0.003048	10.51	1192.88	180.10	0.72
Oso-2-Ocean	5036	5-EV	5703.00	17.96	23.91	22.78	24.84	0.003007	7.71	739.41	169.73	0.65
Oso-2-Ocean	5036	2-EV	2293.00	17.96	22.01	21.19	22.46	0.002994	5.39	425.04	160.56	0.58
Oso-2-Ocean	4855	100-EV	45707.00	17.51	33.69	31.89	37.99	0.002939	16.63	2749.29	277.80	0.82
Oso-2-Ocean	4855	50-EV	41038.00	17.51	32.85	31.02	36.81	0.002932	15.96	2571.93	266.70	0.80
Oso-2-Ocean	4855	25-EV	26234.00	17.51	29.71	27.96	32.57	0.002996	13.57	1933.70	218.53	0.76
Oso-2-Ocean	4855	10-EV	12542.00	17.51	26.02	24.44	27.62	0.002937	10.16	1233.98	182.08	0.69
Oso-2-Ocean	4855	5-EV	5703.00	17.51	23.43	22.10	24.27	0.002759	7.34	776.69	171.74	0.61
Oso-2-Ocean	4855	2-EV	2293.00	17.51	21.55	20.52	21.94	0.002493	4.98	460.42	164.20	0.52
Oso-2-Ocean	4555	100-EV	45707.00	17.04	31.03	31.03	36.75	0.004744	19.17	2383.81	442.47	1.00
Oso-2-Ocean	4555	50-EV	41038.00	17.04	30.18	30.18	35.55	0.004902	18.60	2206.60	415.63	1.00
Oso-2-Ocean	4555	25-EV	26234.00	17.04	27.40	27.15	31.32	0.005099	15.88	1652.26	291.52	0.96
Oso-2-Ocean	4555	10-EV	12542.00	17.04	24.09	23.68	26.39	0.005403	12.16	1031.48	180.83	0.90
Oso-2-Ocean	4555	5-EV	5703.00	17.04	21.82	21.38	23.09	0.005597	9.04	631.16	171.75	0.83
Oso-2-Ocean	4555	2-EV	2293.00	17.04	20.28	19.84	20.87	0.005233	6.18	370.82	165.57	0.73
Oso-2-Ocean	4255	100-EV	45707.00	14.96	30.30	29.37	35.19	0.003756	17.74	2576.97	397.50	0.90
Oso-2-Ocean	4255	50-EV	41038.00	14.96	29.45	28.52	34.00	0.003814	17.11	2398.25	388.12	0.89
Oso-2-Ocean	4255	25-EV	26234.00	14.96	26.48	25.49	29.80	0.003950	14.60	1797.29	333.28	0.85
Oso-2-Ocean	4255	10-EV	12542.00	14.96	22.88	22.01	24.85	0.004273	11.26	1114.22	182.47	0.80
Oso-2-Ocean	4255	5-EV	5703.00	14.96	20.32	19.72	21.48	0.004911	8.64	660.31	172.23	0.78
Oso-2-Ocean	4255	2-EV	2293.00	14.96	18.43	18.11	19.12	0.006439	6.66	344.20	158.70	0.80
Oso-2-Ocean	3955	100-EV	45707.00	13.95	30.05	27.72	33.96	0.002603	15.88	2878.48	434.36	0.77
Oso-2-Ocean	3955	50-EV	41038.00	13.95	29.15	26.86	32.78	0.002618	15.28	2685.85	421.46	0.76
Oso-2-Ocean	3955	25-EV	26234.00	13.95	26.06	23.83	28.62	0.002581	12.85	2042.06	336.06	0.71
Oso-2-Ocean	3955	10-EV	12542.00	13.95	22.32	20.35	23.73	0.002443	9.52	1317.11	186.74	0.63
Oso-2-Ocean	3955	5-EV	5703.00	13.95	19.68	18.05	20.40	0.002225	6.82	836.76	176.15	0.55
Oso-2-Ocean	3955	2-EV	2293.00	13.95	17.66	16.45	18.00	0.002100	4.69	489.43	168.08	0.48
Oso-2-Ocean	3655	100-EV	45934.00	13.31	27.75	27.17	32.87	0.004199	18.14	2532.53	337.32	0.93
Oso-2-Ocean	3655	50-EV	41237.00	13.31	27.00	26.32	31.70	0.004183	17.39	2370.96	329.47	0.92
Oso-2-Ocean	3655	25-EV	26399.00	13.31	24.12	23.34	27.55	0.004341	14.84	1778.45	227.00	0.88
Oso-2-Ocean	3655	10-EV	12644.00	13.31	20.69	19.91	22.69	0.004560	11.34	1114.57	186.70	0.82
Oso-2-Ocean	3655	5-EV	5769.00	13.31	18.26	17.58	19.40	0.004852	8.57	673.10	174.43	0.77
Oso-2-Ocean	3655	2-EV	2330.00	13.31	16.47	15.91	17.06	0.004739	6.18	377.32	155.12	0.70
Oso-2-Ocean	3355	100-EV	45934.00	11.94	27.20	25.64	31.55	0.003148	16.75	2743.03	386.93	0.83
Oso-2-Ocean	3355	50-EV	41237.00	11.94	26.42	24.80	30.41	0.003114	16.02	2573.33	364.04	0.82
Oso-2-Ocean	3355	25-EV	26399.00	11.94	23.40	21.83	26.28	0.003178	13.62	1938.64	320.94	0.78
Oso-2-Ocean	3355	10-EV	12644.00	11.94	19.83	18.41	21.45	0.003139	10.22	1236.80	189.72	0.71
Oso-2-Ocean	3355	5-EV	5769.00	11.94	17.32	16.15	18.18	0.003051	7.47	772.59	179.67	0.63
Oso-2-Ocean	3355	2-EV	2330.00	11.94	15.52	14.57	15.93	0.002817	5.10	456.53	172.49	0.55
Oso-2-Ocean	3055	100-EV	45934.00	10.65	26.34	24.70	30.59	0.003063	16.52	2779.95	363.47	0.82
Oso-2-Ocean	3055	50-EV	41237.00	10.65	25.57	23.85	29.45	0.003024	15.80	2609.70	354.58	0.81
Oso-2-Ocean	3055	25-EV	26399.00	10.65	22.46	20.91	25.32	0.003189	13.56	1946.52	302.92	0.78
Oso-2-Ocean	3055	10-EV	12644.00	10.65	18.78	17.53	20.47	0.003402	10.42	1213.20	191.99	0.73
Oso-2-Ocean	3055	5-EV	5769.00	10.65	16.17	15.30	17.15	0.003828	7.96	725.13	181.54	0.70
Oso-2-Ocean	3055	2-EV	2330.00	10.65	14.33	13.78	14.86	0.004527	5.86	397.81	174.17	0.68
Oso-2-Ocean	2755	100-EV	45934.00	10.29	25.96	23.33	29.59	0.002405	15.29	3005.08	358.48	0.74
Oso-2-Ocean	2755	50-EV	41237.00	10.29	25.18	22.50	28.48	0.002352	14.58	2828.99	341.15	0.72
Oso-2-Ocean	2755	25-EV	26399.00	10.29	21.96	19.57	24.35	0.002413	12.41	2127.24	253.84	0.69
Oso-2-Ocean	2755	10-EV	12644.00	10.29	18.17	16.20	19.52	0.002390	9.33	1355.56	196.02	0.63
Oso-2-Ocean	2755	5-EV	5769.00	10.29	15.43	13.98	16.17	0.002433	6.91	834.61	185.09	0.57
Oso-2-Ocean	2755	2-EV	2330.00	10.29	13.39	12.50	13.78	0.002731	5.01	464.83	176.91	0.55
Oso-2-Ocean	2455	100-EV	45934.00	8.81	25.57	22.24	28.81	0.002030	14.44	3180.84	663.78	0.69

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Oso-2-Ocean	2455	50-EV	41237.00	8.81	24.79	21.41	27.73	0.001970	13.74	3001.27	620.29	0.67
Oso-2-Ocean	2455	25-EV	26399.00	8.81	21.50	18.51	23.61	0.001983	11.63	2269.76	457.05	0.63
Oso-2-Ocean	2455	10-EV	12644.00	8.81	17.69	15.17	18.83	0.001842	8.58	1474.42	200.58	0.56
Oso-2-Ocean	2455	5-EV	5769.00	8.81	14.94	12.97	15.53	0.001677	6.15	938.79	189.60	0.49
Oso-2-Ocean	2455	2-EV	2330.00	8.81	12.86	11.50	13.14	0.001555	4.21	553.69	181.30	0.42
Oso-2-Ocean	2155	100-EV	45934.00	8.21	24.06	22.18	28.01	0.003008	15.94	2881.62	254.66	0.80
Oso-2-Ocean	2155	50-EV	41237.00	8.21	23.43	21.38	26.96	0.002863	15.07	2736.71	230.05	0.77
Oso-2-Ocean	2155	25-EV	26399.00	8.21	18.57	18.53	22.48	0.005867	15.85	1665.14	210.60	0.99
Oso-2-Ocean	2155	10-EV	12644.00	8.21	15.86	15.23	17.88	0.005073	11.40	1109.43	199.77	0.85
Oso-2-Ocean	2155	5-EV	5769.00	8.21	13.66	12.82	14.72	0.004210	8.28	696.90	174.56	0.73
Oso-2-Ocean	2155	2-EV	2330.00	8.21	11.97	11.18	12.46	0.003354	5.57	418.03	158.26	0.60
Oso-2-Ocean	1855	100-EV	45934.00	7.22	23.95	20.44	27.03	0.001963	14.07	3263.78	325.74	0.67
Oso-2-Ocean	1855	50-EV	41237.00	7.22	23.31	19.62	26.04	0.001843	13.25	3113.21	300.49	0.64
Oso-2-Ocean	1855	25-EV	26399.00	7.22	16.79	16.79	20.73	0.005792	15.93	1657.64	209.97	1.00
Oso-2-Ocean	1855	10-EV	12644.00	7.22	13.52	13.52	16.04	0.007111	12.74	992.37	196.96	1.00
Oso-2-Ocean	1855	5-EV	5769.00	7.22	11.37	11.37	12.91	0.008729	9.96	578.95	188.43	1.00
Oso-2-Ocean	1855	2-EV	2330.00	7.22	9.86	9.86	10.77	0.010552	7.63	305.31	168.78	1.00
Oso-2-Ocean	1502	100-EV	45934.00	6.05	25.02	16.13	26.09	0.000562	8.30	5537.24	383.26	0.35
Oso-2-Ocean	1502	50-EV	41237.00	6.05	24.24	15.51	25.19	0.000527	7.79	5291.02	381.56	0.34
Oso-2-Ocean	1502	25-EV	26399.00	6.05	15.76	13.30	17.35	0.002218	10.12	2609.67	308.44	0.61
Oso-2-Ocean	1502	10-EV	12644.00	6.05	12.61	10.79	13.51	0.002247	7.62	1659.87	295.41	0.57
Oso-2-Ocean	1502	5-EV	5769.00	6.05	10.64	9.06	11.08	0.001910	5.32	1083.98	287.37	0.48
Oso-2-Ocean	1502	2-EV	2330.00	6.05	9.12	7.90	9.31	0.001437	3.51	663.18	262.87	0.39
Oso-2-Ocean	1337	100-EV	45934.00	5.78	25.16	14.83	25.81	0.000336	6.46	7112.70	521.72	0.27
Oso-2-Ocean	1337	50-EV	41237.00	5.78	24.36	14.28	24.94	0.000316	6.07	6791.54	519.10	0.26
Oso-2-Ocean	1337	25-EV	26399.00	5.78	15.78	12.43	16.76	0.001360	7.92	3333.93	396.21	0.48
Oso-2-Ocean	1337	10-EV	12644.00	5.78	12.46	10.34	13.05	0.001586	6.21	2036.38	383.84	0.48
Oso-2-Ocean	1337	5-EV	5769.00	5.78	10.40	8.91	10.73	0.001641	4.60	1255.23	376.69	0.44
Oso-2-Ocean	1337	2-EV	2330.00	5.78	8.87	7.83	9.05	0.001694	3.36	693.21	339.71	0.41
Oso-2-Ocean	1241		Bridge									
Oso-2-Ocean	1193	100-EV	45934.00	5.51	24.79	14.65	25.49	0.000373	6.68	6877.58	736.30	0.28
Oso-2-Ocean	1193	50-EV	41237.00	5.51	24.08	14.12	24.68	0.000345	6.25	6598.44	733.93	0.27
Oso-2-Ocean	1193	25-EV	26399.00	5.51	15.48	12.27	16.50	0.001481	8.09	3261.27	523.51	0.49
Oso-2-Ocean	1193	10-EV	12644.00	5.51	12.18	10.20	12.81	0.001750	6.36	1988.64	418.27	0.49
Oso-2-Ocean	1193	5-EV	5769.00	5.51	10.15	8.79	10.50	0.001855	4.74	1217.68	378.47	0.47
Oso-2-Ocean	1193	2-EV	2330.00	5.51	8.62	7.75	8.82	0.002124	3.57	653.54	344.01	0.46
Oso-2-Ocean	1146	100-EV	45934.00	5.31	24.86	13.38	25.39	0.000265	5.83	7875.58	665.01	0.24
Oso-2-Ocean	1146	50-EV	41237.00	5.31	24.14	12.88	24.60	0.000244	5.45	7567.66	663.96	0.23
Oso-2-Ocean	1146	25-EV	26399.00	5.31	15.59	11.13	16.28	0.000872	6.68	3950.18	445.13	0.39
Oso-2-Ocean	1146	10-EV	12644.00	5.31	12.25	9.17	12.63	0.000861	4.97	2543.04	417.73	0.36
Oso-2-Ocean	1146	5-EV	5769.00	5.31	10.19	7.89	10.37	0.000699	3.42	1687.09	413.61	0.30
Oso-2-Ocean	1146	2-EV	2330.00	5.31	8.64	6.99	8.71	0.000554	2.22	1048.12	410.51	0.25
Oso-2-Ocean	1116	100-EV	45934.00	5.13	24.87	13.18	25.37	0.000247	5.66	8111.76	731.78	0.23
Oso-2-Ocean	1116	50-EV	41237.00	5.13	24.14	12.68	24.58	0.000228	5.29	7792.27	713.96	0.22
Oso-2-Ocean	1116	25-EV	26399.00	5.13	15.58	10.95	16.24	0.000814	6.51	4057.59	437.66	0.37
Oso-2-Ocean	1116	10-EV	12644.00	5.13	12.23	9.01	12.59	0.000786	4.81	2629.29	423.31	0.34
Oso-2-Ocean	1116	5-EV	5769.00	5.13	10.17	7.76	10.34	0.000617	3.27	1761.85	419.19	0.28
Oso-2-Ocean	1116	2-EV	2330.00	5.13	8.62	6.93	8.69	0.000460	2.09	1114.79	416.08	0.23
Oso-2-Ocean	1050		Bridge									
Oso-2-Ocean	1018	100-EV	45934.00	5.12	11.53	14.51	21.78	0.033757	25.68	1788.95	398.58	2.14
Oso-2-Ocean	1018	50-EV	41237.00	5.12	11.13	13.96	21.06	0.036566	25.28	1631.46	396.34	2.20
Oso-2-Ocean	1018	25-EV	26399.00	5.12	11.49	12.17	14.93	0.011467	14.89	1773.35	398.36	1.24
Oso-2-Ocean	1018	10-EV	12644.00	5.12	9.71	10.16	11.87	0.013196	11.78	1073.66	387.72	1.25
Oso-2-Ocean	1018	5-EV	5769.00	5.12	8.46	8.74	9.82	0.014272	9.37	615.81	337.22	1.22
Oso-2-Ocean	1018	2-EV	2330.00	5.12	7.53	7.69	8.34	0.016198	7.22	322.86	291.45	1.21
Oso-2-Ocean	880	100-EV	45934.00	4.85	11.19	13.28	18.24	0.021236	21.31	2155.48	457.12	1.67
Oso-2-Ocean	880	50-EV	41237.00	4.85	10.85	12.79	17.36	0.021233	20.46	2015.72	445.46	1.65
Oso-2-Ocean	880	25-EV	26399.00	4.85	12.71	11.03	14.08	0.003002	9.40	2807.99	489.81	0.65
Oso-2-Ocean	880	10-EV	12644.00	4.85	10.28	9.02	11.07	0.003002	7.12	1776.22	417.20	0.61
Oso-2-Ocean	880	5-EV	5769.00	4.85	8.58	7.65	9.02	0.003005	5.33	1082.42	393.07	0.57
Oso-2-Ocean	880	2-EV	2330.00	4.85	7.34	6.62	7.56	0.003001	3.81	611.70	367.50	0.52

HEC-RAS Plan: PA34 Ultimat

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
UpStream-2-Bell	61295	100-EV	20300.00	377.16	389.72		390.06	0.012964	4.70	4323.53	933.24	0.38
UpStream-2-Bell	61295	50-EV	18156.00	377.16	389.28		389.61	0.011769	4.61	3939.32	812.87	0.37
UpStream-2-Bell	61295	25-EV	11896.00	377.16	387.59		387.88	0.012146	4.34	2739.44	632.73	0.37
UpStream-2-Bell	61295	10-EV	6364.00	377.16	384.52		384.84	0.014054	4.52	1406.64	340.57	0.39
UpStream-2-Bell	61295	5-EV	2205.00	377.16	382.16		382.30	0.009316	2.93	751.30	255.90	0.30
UpStream-2-Bell	61295	2-EV	626.00	377.16	380.57		380.62	0.008279	1.76	356.28	240.07	0.25
UpStream-2-Bell	61123	100-EV	20300.00	376.00	388.19		388.42	0.007075	3.80	5337.08	1001.77	0.29
UpStream-2-Bell	61123	50-EV	18156.00	376.00	387.84		388.05	0.006960	3.64	4986.53	987.13	0.29
UpStream-2-Bell	61123	25-EV	11896.00	376.00	386.06		386.25	0.007316	3.47	3428.25	756.69	0.29
UpStream-2-Bell	61123	10-EV	6364.00	376.00	382.46		382.72	0.010734	4.15	1531.70	343.26	0.35
UpStream-2-Bell	61123	5-EV	2205.00	376.00	379.71		379.91	0.022756	3.61	611.60	298.79	0.44
UpStream-2-Bell	61123	2-EV	626.00	376.00	378.26		378.37	0.023512	2.61	240.03	195.52	0.41
UpStream-2-Bell	60921	100-EV	20300.00	374.00	386.80		387.00	0.006869	3.62	5603.43	1106.66	0.28
UpStream-2-Bell	60921	50-EV	18156.00	374.00	386.46		386.65	0.006785	3.47	5236.79	1094.52	0.28
UpStream-2-Bell	60921	25-EV	11896.00	374.00	384.85		385.00	0.005202	3.19	3725.20	720.50	0.25
UpStream-2-Bell	60921	10-EV	6364.00	374.00	381.46		381.59	0.003263	2.88	2212.85	351.89	0.20
UpStream-2-Bell	60921	5-EV	2205.00	374.00	377.97		378.04	0.004823	2.16	1018.97	334.05	0.22
UpStream-2-Bell	60921	2-EV	626.00	374.00	376.25		376.28	0.005672	1.39	451.40	326.45	0.21
UpStream-2-Bell	60750	100-EV	20300.00	372.00	385.35		385.59	0.009915	3.93	5165.29	1189.27	0.33
UpStream-2-Bell	60750	50-EV	18156.00	372.00	385.02		385.24	0.010089	3.81	4768.88	1166.69	0.33
UpStream-2-Bell	60750	25-EV	11896.00	372.00	383.58		383.78	0.010188	3.61	3298.56	880.86	0.33
UpStream-2-Bell	60750	10-EV	6364.00	372.00	380.25		380.61	0.011360	4.80	1325.63	248.25	0.37
UpStream-2-Bell	60750	5-EV	2205.00	372.00	376.56		376.77	0.012604	3.66	601.91	183.29	0.36
UpStream-2-Bell	60750	2-EV	626.00	372.00	374.58		374.68	0.018087	2.53	247.85	173.53	0.37
UpStream-2-Bell	60599	100-EV	20300.00	370.00	383.98		384.17	0.008841	3.43	5923.41	1538.86	0.31
UpStream-2-Bell	60599	50-EV	18156.00	370.00	383.63		383.81	0.008797	3.36	5401.68	1439.32	0.31
UpStream-2-Bell	60599	25-EV	11896.00	370.00	382.05		382.23	0.010253	3.45	3452.72	993.57	0.33
UpStream-2-Bell	60599	10-EV	6364.00	370.00	378.29		378.67	0.014649	5.00	1272.62	272.53	0.41
UpStream-2-Bell	60599	5-EV	2205.00	370.00	374.89		375.08	0.010041	3.51	627.65	172.23	0.32
UpStream-2-Bell	60599	2-EV	626.00	370.00	372.77		372.84	0.008717	2.18	287.26	145.41	0.27
UpStream-2-Bell	60374	100-EV	20300.00	368.00	381.79		382.01	0.010344	3.83	5304.40	1311.95	0.34
UpStream-2-Bell	60374	50-EV	18156.00	368.00	381.42	375.49	381.64	0.010544	3.76	4830.85	1245.34	0.34
UpStream-2-Bell	60374	25-EV	11896.00	368.00	379.56		379.82	0.011134	4.08	2918.05	691.89	0.35
UpStream-2-Bell	60374	10-EV	6364.00	368.00	375.99		376.29	0.007862	4.39	1451.30	236.34	0.31
UpStream-2-Bell	60374	5-EV	2205.00	368.00	373.18		373.30	0.006229	2.74	804.57	223.80	0.25
UpStream-2-Bell	60374	2-EV	626.00	368.00	371.27		371.31	0.005375	1.62	387.12	213.39	0.21
UpStream-2-Bell	60149	100-EV	20300.00	366.00	374.37	373.91	377.03	0.064239	13.10	1549.06	236.18	0.90
UpStream-2-Bell	60149	50-EV	18156.00	366.00	373.55	373.43	376.33	0.077104	13.36	1359.23	231.15	0.97
UpStream-2-Bell	60149	25-EV	11896.00	366.00	371.93	371.93	374.16	0.088845	11.99	992.46	221.27	1.00
UpStream-2-Bell	60149	10-EV	6364.00	366.00	370.32	370.32	371.84	0.101207	9.89	643.17	211.28	1.00
UpStream-2-Bell	60149	5-EV	2205.00	366.00	368.71	368.71	369.48	0.125551	7.06	312.30	200.51	1.00
UpStream-2-Bell	60149	2-EV	626.00	366.00	367.77	367.63	368.10	0.101972	4.59	136.43	143.15	0.83
UpStream-2-Bell	59999	100-EV	20300.00	357.84	372.80	366.31	373.64	0.008933	7.32	2773.97	227.25	0.37
UpStream-2-Bell	59999	50-EV	18156.00	357.84	372.04	365.79	372.79	0.008685	6.98	2601.14	224.31	0.36
UpStream-2-Bell	59999	25-EV	11896.00	357.84	369.50	364.18	370.02	0.007855	5.83	2042.09	215.36	0.33
UpStream-2-Bell	59999	10-EV	6364.00	357.84	366.40	362.38	366.72	0.007393	4.57	1393.48	203.61	0.31
UpStream-2-Bell	59999	5-EV	2205.00	357.84	362.45	360.54	362.64	0.011151	3.54	622.97	182.97	0.34
UpStream-2-Bell	59999	2-EV	626.00	357.84	359.96	359.41	360.11	0.032278	3.16	198.17	153.59	0.49
UpStream-2-Bell	59699	100-EV	20300.00	352.12	369.14	364.54	370.18	0.015153	8.20	2477.10	256.77	0.47
UpStream-2-Bell	59699	50-EV	18156.00	352.12	368.40	363.97	369.38	0.015354	7.93	2289.46	251.92	0.46
UpStream-2-Bell	59699	25-EV	11896.00	352.12	366.02	361.65	366.77	0.015687	6.97	1707.85	232.48	0.45
UpStream-2-Bell	59699	10-EV	6364.00	352.12	363.25	359.12	363.75	0.013856	5.64	1127.39	191.93	0.41
UpStream-2-Bell	59699	5-EV	2205.00	352.12	359.72	356.18	359.93	0.007490	3.68	598.94	122.18	0.29
UpStream-2-Bell	59699	2-EV	626.00	352.12	356.54	354.26	356.63	0.005879	2.37	263.67	86.99	0.24
UpStream-2-Bell	59550	100-EV	20300.00	350.00	367.06		368.02	0.013580	7.86	2581.83	261.10	0.44
UpStream-2-Bell	59550	50-EV	18156.00	350.00	366.34		367.23	0.013171	7.57	2398.49	250.92	0.43
UpStream-2-Bell	59550	25-EV	11896.00	350.00	364.02		364.67	0.012330	6.47	1839.41	232.33	0.41
UpStream-2-Bell	59550	10-EV	6364.00	350.00	361.44		361.84	0.011510	5.06	1257.40	218.64	0.37
UpStream-2-Bell	59550	5-EV	2205.00	350.00	358.53		358.70	0.008886	3.32	664.32	179.93	0.30
UpStream-2-Bell	59550	2-EV	626.00	350.00	355.82		355.89	0.004203	2.12	295.18	89.32	0.21
UpStream-2-Bell	59325	100-EV	20300.00	350.00	364.50		365.27	0.010654	7.02	2890.10	290.13	0.39
UpStream-2-Bell	59325	50-EV	18156.00	350.00	363.82		364.53	0.010618	6.74	2693.92	287.27	0.39
UpStream-2-Bell	59325	25-EV	11896.00	350.00	361.56		362.08	0.010482	5.78	2058.21	274.42	0.37
UpStream-2-Bell	59325	10-EV	6364.00	350.00	359.00		359.33	0.010652	4.63	1373.83	259.21	0.35
UpStream-2-Bell	59325	5-EV	2205.00	350.00	356.21		356.37	0.012225	3.26	675.87	240.00	0.34
UpStream-2-Bell	59325	2-EV	626.00	350.00	354.11		354.21	0.016734	2.65	236.67	145.72	0.37
UpStream-2-Bell	59024	100-EV	20300.00	346.05	360.72	356.30	361.65	0.013548	7.74	2621.31	272.33	0.44
UpStream-2-Bell	59024	50-EV	18156.00	346.05	360.12	355.84	360.96	0.013201	7.39	2458.09	269.03	0.43
UpStream-2-Bell	59024	25-EV	11896.00	346.05	358.16	354.42	358.74	0.011758	6.13	1941.29	258.30	0.39
UpStream-2-Bell	59024	10-EV	6364.00	346.05	355.88	352.82	356.21	0.010091	4.66	1366.66	245.40	0.35

HEC-RAS Plan: PA34 Ultimat (Continued)

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
UpStream-2-Bell	59024	5-EV	2205.00	346.05	353.25	350.65	353.39	0.008213	2.97	742.90	225.39	0.29
UpStream-2-Bell	59024	2-EV	626.00	346.05	350.77	348.49	350.84	0.007999	2.20	284.49	132.71	0.26
UpStream-2-Bell	58874	100-EV	20300.00	346.00	357.68	354.94	358.99	0.023387	9.17	2214.49	269.37	0.56
UpStream-2-Bell	58874	50-EV	18156.00	346.00	357.20	354.53	358.38	0.022647	8.71	2085.38	267.77	0.55
UpStream-2-Bell	58874	25-EV	11896.00	346.00	355.80	353.15	356.55	0.018184	6.94	1714.35	263.12	0.48
UpStream-2-Bell	58874	10-EV	6364.00	346.00	354.01	351.89	354.42	0.014305	5.09	1249.20	255.34	0.41
UpStream-2-Bell	58874	5-EV	2205.00	346.00	351.83		351.98	0.010769	3.13	705.10	242.88	0.32
UpStream-2-Bell	58874	2-EV	626.00	346.00	348.98		349.15	0.016870	3.29	190.12	84.77	0.39
Bell-2-Gober	58274	100-EV	20204.00	340.00	347.99	346.75	348.88	0.012431	7.55	2674.98	764.06	0.62
Bell-2-Gober	58274	50-EV	17745.00	340.00	347.66	346.47	348.45	0.012296	7.15	2480.79	751.32	0.61
Bell-2-Gober	58274	25-EV	14843.00	340.00	347.24	346.13	347.92	0.012095	6.63	2237.38	736.52	0.60
Bell-2-Gober	58274	10-EV	7201.00	340.00	345.82	345.07	346.22	0.013106	5.12	1406.80	681.34	0.58
Bell-2-Gober	58274	5-EV	2413.00	340.00	344.45	343.29	344.67	0.013689	3.78	638.94	516.66	0.57
Bell-2-Gober	58274	2-EV	529.00	340.00	342.68	341.61	342.77	0.006829	2.45	215.78	188.17	0.38
Bell-2-Gober	58124	100-EV	20204.00	339.45	346.80	344.91	347.34	0.007516	5.90	3424.89	940.39	0.48
Bell-2-Gober	58124	50-EV	17747.00	339.45	346.45	344.64	346.94	0.007496	5.60	3168.62	929.11	0.48
Bell-2-Gober	58124	25-EV	14844.00	339.45	346.01	344.31	346.44	0.007461	5.21	2847.88	879.66	0.47
Bell-2-Gober	58124	10-EV	7143.00	339.45	344.55	343.27	344.79	0.006754	3.94	1813.79	667.11	0.42
Bell-2-Gober	58124	5-EV	2360.00	339.45	343.06	342.26	343.17	0.007256	2.74	862.88	597.58	0.40
Bell-2-Gober	58124	2-EV	528.00	339.45	341.49	340.86	341.59	0.009055	2.53	208.42	189.61	0.43
Bell-2-Gober	57899	100-EV	20204.00	338.00	344.91	343.17	345.45	0.009447	5.86	3446.49	905.46	0.49
Bell-2-Gober	57899	50-EV	17747.00	338.00	344.57	342.94	345.05	0.009474	5.57	3183.34	895.88	0.48
Bell-2-Gober	57899	25-EV	14844.00	338.00	344.15	342.64	344.56	0.009405	5.18	2863.51	881.86	0.47
Bell-2-Gober	57899	10-EV	7143.00	338.00	342.83	341.52	343.06	0.008900	3.82	1872.12	761.95	0.43
Bell-2-Gober	57899	5-EV	2360.00	338.00	341.23	340.13	341.37	0.008968	2.93	806.33	515.48	0.41
Bell-2-Gober	57899	2-EV	528.00	338.00	339.56	338.95	339.64	0.008289	2.32	227.10	212.15	0.40
Bell-2-Gober	57674	100-EV	20204.00	336.00	342.18	340.67	342.77	0.015458	6.14	3289.91	838.10	0.54
Bell-2-Gober	57674	50-EV	17747.00	336.00	341.81	340.42	342.36	0.015523	5.92	2996.39	784.78	0.53
Bell-2-Gober	57674	25-EV	14844.00	336.00	341.36	340.11	341.85	0.015913	5.61	2646.65	768.97	0.53
Bell-2-Gober	57674	10-EV	7143.00	336.00	339.96	339.00	340.27	0.018365	4.48	1594.57	720.95	0.53
Bell-2-Gober	57674	5-EV	2360.00	336.00	338.62	337.89	338.77	0.015425	3.10	761.71	552.65	0.47
Bell-2-Gober	57674	2-EV	528.00	336.00	337.46	336.90	337.53	0.010761	2.12	248.61	286.82	0.40
Bell-2-Gober	57525	100-EV	20204.00	333.04	340.72	338.44	341.12	0.007753	5.11	3953.93	827.20	0.41
Bell-2-Gober	57525	50-EV	17747.00	333.04	340.35	338.19	340.71	0.007750	4.87	3647.46	820.73	0.41
Bell-2-Gober	57525	25-EV	14844.00	333.04	339.87	337.89	340.19	0.007753	4.55	3260.36	809.47	0.40
Bell-2-Gober	57525	10-EV	7143.00	333.04	338.33	336.96	338.52	0.007823	3.48	2051.29	755.51	0.37
Bell-2-Gober	57525	5-EV	2360.00	333.04	336.84	336.17	336.94	0.009913	2.46	958.70	714.31	0.37
Bell-2-Gober	57525	2-EV	528.00	333.04	335.88	334.99	335.92	0.010671	1.63	324.29	453.17	0.34
Bell-2-Gober	57224	100-EV	20204.00	329.99	338.37		338.77	0.007919	5.11	3953.21	804.53	0.41
Bell-2-Gober	57224	50-EV	17747.00	329.99	338.00		338.37	0.007864	4.85	3659.54	801.41	0.40
Bell-2-Gober	57224	25-EV	14844.00	329.99	337.55		337.86	0.007743	4.50	3296.92	797.53	0.39
Bell-2-Gober	57224	10-EV	7143.00	329.99	336.11		336.28	0.007102	3.30	2164.34	778.63	0.35
Bell-2-Gober	57224	5-EV	2360.00	329.99	334.37		334.45	0.006997	2.32	1017.44	598.19	0.31
Bell-2-Gober	57224	2-EV	528.00	329.99	332.34		332.43	0.012648	2.40	219.58	216.66	0.42
Bell-2-Gober	57074	100-EV	20204.00	328.00	337.15		337.57	0.007989	5.22	3873.71	836.57	0.43
Bell-2-Gober	57074	50-EV	17747.00	328.00	336.77		337.16	0.008170	4.99	3555.81	834.71	0.43
Bell-2-Gober	57074	25-EV	14844.00	328.00	336.31		336.65	0.008310	4.68	3173.97	832.46	0.42
Bell-2-Gober	57074	10-EV	7143.00	328.00	334.92		335.11	0.008487	3.54	2019.42	818.12	0.40
Bell-2-Gober	57074	5-EV	2360.00	328.00	333.30		333.40	0.006964	2.54	927.51	526.04	0.34
Bell-2-Gober	57074	2-EV	528.00	328.00	330.66		330.82	0.009084	3.18	166.22	106.15	0.45
Bell-2-Gober	56849	100-EV	20204.00	326.00	335.35		335.75	0.008219	5.04	4008.80	800.50	0.40
Bell-2-Gober	56849	50-EV	17747.00	326.00	334.88		335.25	0.008772	4.88	3633.48	798.81	0.40
Bell-2-Gober	56849	25-EV	14844.00	326.00	334.36		334.69	0.009200	4.62	3214.24	796.89	0.41
Bell-2-Gober	56849	10-EV	7143.00	326.00	332.83		333.02	0.010277	3.58	1997.84	791.02	0.40
Bell-2-Gober	56849	5-EV	2360.00	326.00	331.01		331.16	0.015385	3.12	755.55	515.12	0.45
Bell-2-Gober	56849	2-EV	528.00	326.00	329.16		329.25	0.005429	2.40	219.85	145.32	0.34
Bell-2-Gober	56624	100-EV	20204.00	324.95	333.82		334.18	0.005904	4.80	4204.94	735.76	0.35
Bell-2-Gober	56624	50-EV	17747.00	324.95	333.19		333.54	0.006700	4.75	3738.10	732.40	0.37
Bell-2-Gober	56624	25-EV	14844.00	324.95	332.49		332.82	0.007555	4.60	3229.73	726.95	0.38
Bell-2-Gober	56624	10-EV	7143.00	324.95	330.79		330.99	0.008015	3.54	2016.14	699.82	0.37
Bell-2-Gober	56624	5-EV	2360.00	324.95	328.84		328.95	0.006728	2.67	884.43	457.17	0.34
Bell-2-Gober	56624	2-EV	528.00	324.95	326.84		326.99	0.024482	3.13	168.55	225.11	0.64
Bell-2-Gober	56474	100-EV	20204.00	322.63	332.97		333.31	0.005625	4.68	4316.89	686.22	0.33
Bell-2-Gober	56474	50-EV	17747.00	322.63	332.18		332.53	0.006736	4.70	3776.52	683.17	0.35
Bell-2-Gober	56474	25-EV	14844.00	322.63	331.27		331.62	0.008491	4.70	3156.42	679.05	0.38
Bell-2-Gober	56474	10-EV	7143.00	322.63	329.18		329.44	0.013758	4.09	1747.03	667.78	0.45
Bell-2-Gober	56474	5-EV	2360.00	322.63	327.38		327.56	0.013687	3.41	691.89	369.19	0.44
Bell-2-Gober	56474	2-EV	528.00	322.63	325.24		325.32	0.006272	2.27	232.60	158.48	0.33
Bell-2-Gober	56323	100-EV	20204.00	322.00	332.43		332.69	0.002933	4.09	4945.82	647.60	0.26

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	56323	50-EV	17747.00	322.00	331.54		331.80	0.003369	4.06	4374.06	642.96	0.27
Bell-2-Gober	56323	25-EV	14844.00	322.00	330.48		330.73	0.004092	4.02	3689.82	637.05	0.29
Bell-2-Gober	56323	10-EV	7143.00	322.00	327.72		327.93	0.007483	3.65	1958.76	620.29	0.36
Bell-2-Gober	56323	5-EV	2360.00	322.00	325.83		325.95	0.008339	2.80	843.22	447.77	0.36
Bell-2-Gober	56323	2-EV	528.00	322.00	323.63		323.81	0.017969	3.40	155.22	149.37	0.59
Bell-2-Gober	56175	100-EV	20204.00	320.00	332.14		332.32	0.001866	3.43	5892.69	702.32	0.21
Bell-2-Gober	56175	50-EV	17747.00	320.00	331.21		331.39	0.002105	3.39	5240.39	696.60	0.22
Bell-2-Gober	56175	25-EV	14844.00	320.00	330.06		330.23	0.002514	3.34	4444.58	689.56	0.23
Bell-2-Gober	56175	10-EV	7143.00	320.00	326.82		326.98	0.005352	3.17	2250.94	665.13	0.30
Bell-2-Gober	56175	5-EV	2360.00	320.00	324.76		324.85	0.006540	2.34	1007.70	542.27	0.30
Bell-2-Gober	56175	2-EV	528.00	320.00	322.34		322.41	0.005533	2.08	253.59	193.69	0.32
Bell-2-Gober	56024	100-EV	20204.00	319.91	331.91		332.06	0.001501	3.13	6447.83	734.81	0.19
Bell-2-Gober	56024	50-EV	17747.00	319.91	330.95		331.09	0.001688	3.09	5741.63	729.79	0.19
Bell-2-Gober	56024	25-EV	14844.00	319.91	329.74		329.89	0.002024	3.05	4866.42	723.35	0.21
Bell-2-Gober	56024	10-EV	7143.00	319.91	325.90		326.07	0.006802	3.35	2135.25	685.14	0.33
Bell-2-Gober	56024	5-EV	2360.00	319.91	323.74		323.88	0.006279	2.93	804.62	336.75	0.33
Bell-2-Gober	56024	2-EV	528.00	319.91	321.48		321.56	0.005853	2.23	236.70	182.41	0.35
Bell-2-Gober	55874	100-EV	20204.00	318.00	331.73		331.86	0.001147	2.89	6979.25	705.67	0.16
Bell-2-Gober	55874	50-EV	17747.00	318.00	330.75		330.87	0.001238	2.82	6288.81	699.95	0.17
Bell-2-Gober	55874	25-EV	14844.00	318.00	329.51		329.63	0.001393	2.73	5427.94	692.75	0.17
Bell-2-Gober	55874	10-EV	7143.00	318.00	325.13		325.26	0.004284	2.91	2450.75	662.01	0.27
Bell-2-Gober	55874	5-EV	2360.00	318.00	322.71		322.81	0.007953	2.45	963.67	548.66	0.33
Bell-2-Gober	55874	2-EV	528.00	318.00	320.74		320.79	0.004382	1.78	296.65	197.81	0.26
Bell-2-Gober	55724	100-EV	20204.00	316.48	331.54		331.68	0.001213	3.06	6592.34	617.39	0.17
Bell-2-Gober	55724	50-EV	17747.00	316.48	330.54		330.68	0.001281	2.97	5982.59	612.81	0.17
Bell-2-Gober	55724	25-EV	14844.00	316.48	329.29		329.42	0.001396	2.84	5218.51	607.03	0.17
Bell-2-Gober	55724	10-EV	7143.00	316.48	324.53		324.67	0.003605	2.95	2423.26	542.84	0.25
Bell-2-Gober	55724	5-EV	2360.00	316.48	321.74		321.82	0.005551	2.33	1015.03	452.84	0.27
Bell-2-Gober	55724	2-EV	528.00	316.48	319.98		320.02	0.006044	1.68	314.12	254.97	0.27
Bell-2-Gober	55574	100-EV	20204.00	316.00	331.27		331.46	0.001724	3.55	5697.30	533.19	0.19
Bell-2-Gober	55574	50-EV	17747.00	316.00	330.27		330.45	0.001743	3.43	5173.47	517.70	0.19
Bell-2-Gober	55574	25-EV	14844.00	316.00	329.02		329.19	0.001639	3.26	4558.52	482.04	0.19
Bell-2-Gober	55574	10-EV	7143.00	316.00	324.00		324.15	0.003297	3.15	2268.51	438.35	0.24
Bell-2-Gober	55574	5-EV	2360.00	316.00	320.71		320.83	0.008174	2.73	865.71	413.13	0.33
Bell-2-Gober	55574	2-EV	528.00	316.00	318.62		318.71	0.013699	2.48	212.52	189.93	0.41
Bell-2-Gober	55424	100-EV	20204.00	314.00	331.04		331.23	0.001335	3.54	5700.05	468.82	0.18
Bell-2-Gober	55424	50-EV	17747.00	314.00	330.05		330.22	0.001331	3.39	5238.11	461.75	0.18
Bell-2-Gober	55424	25-EV	14844.00	314.00	328.81		328.96	0.001322	3.18	4671.63	452.55	0.17
Bell-2-Gober	55424	10-EV	7143.00	314.00	323.58		323.72	0.002449	2.97	2406.79	414.74	0.22
Bell-2-Gober	55424	5-EV	2360.00	314.00	319.72		319.82	0.005508	2.64	895.09	346.12	0.29
Bell-2-Gober	55424	2-EV	528.00	314.00	317.23		317.32	0.006639	2.51	209.96	123.04	0.34
Bell-2-Gober	55274	100-EV	20204.00	313.78	330.88		331.04	0.001078	3.22	6283.11	490.37	0.16
Bell-2-Gober	55274	50-EV	17747.00	313.78	329.89		330.04	0.001057	3.06	5800.47	482.74	0.16
Bell-2-Gober	55274	25-EV	14844.00	313.78	328.66		328.78	0.001020	2.85	5209.66	472.66	0.15
Bell-2-Gober	55274	10-EV	7143.00	313.78	323.32		323.42	0.001579	2.54	2813.04	426.72	0.17
Bell-2-Gober	55274	5-EV	2360.00	313.78	319.06		319.13	0.003817	2.21	1067.28	389.46	0.24
Bell-2-Gober	55274	2-EV	528.00	313.78	316.33		316.39	0.005773	2.07	254.97	156.50	0.29
Bell-2-Gober	55124	100-EV	20204.00	312.00	330.72		330.88	0.001065	3.19	6329.66	487.52	0.16
Bell-2-Gober	55124	50-EV	17747.00	312.00	329.74		329.88	0.001019	3.03	5855.75	473.70	0.15
Bell-2-Gober	55124	25-EV	14844.00	312.00	328.51		328.63	0.000961	2.81	5281.81	460.17	0.15
Bell-2-Gober	55124	10-EV	7143.00	312.00	323.10		323.19	0.001446	2.46	2898.89	421.71	0.17
Bell-2-Gober	55124	5-EV	2360.00	312.00	318.38		318.47	0.005147	2.40	984.87	388.78	0.27
Bell-2-Gober	55124	2-EV	528.00	312.00	315.34		315.48	0.006352	2.97	177.60	73.86	0.34
Bell-2-Gober	54974	100-EV	20204.00	311.44	330.56		330.72	0.001086	3.22	6278.50	504.05	0.16
Bell-2-Gober	54974	50-EV	17747.00	311.44	329.58		329.73	0.001041	3.06	5792.12	489.37	0.16
Bell-2-Gober	54974	25-EV	14844.00	311.44	328.36		328.49	0.000992	2.85	5202.95	475.97	0.15
Bell-2-Gober	54974	10-EV	7143.00	311.44	322.84		322.95	0.001752	2.65	2695.52	428.51	0.19
Bell-2-Gober	54974	5-EV	2360.00	311.44	317.17		317.37	0.011071	3.61	653.42	270.23	0.41
Bell-2-Gober	54974	2-EV	528.00	311.44	313.76		314.04	0.015938	4.22	125.00	68.81	0.55
Bell-2-Gober	54824	100-EV	20204.00	310.00	330.44		330.58	0.000794	3.02	6694.44	473.76	0.14
Bell-2-Gober	54824	50-EV	17747.00	310.00	329.46		329.59	0.000762	2.85	6235.59	468.47	0.14
Bell-2-Gober	54824	25-EV	14844.00	310.00	328.25		328.35	0.000704	2.62	5672.92	458.77	0.13
Bell-2-Gober	54824	10-EV	7143.00	310.00	322.69		322.76	0.000843	2.19	3268.00	407.59	0.14
Bell-2-Gober	54824	5-EV	2360.00	310.00	316.05		316.19	0.005674	2.91	809.85	289.46	0.31
Bell-2-Gober	54824	2-EV	528.00	310.00	312.36		312.48	0.006905	2.70	195.37	118.86	0.37
Bell-2-Gober	54674	100-EV	20204.00	308.00	330.30		330.44	0.000997	3.03	6667.48	519.24	0.15
Bell-2-Gober	54674	50-EV	17747.00	308.00	329.33		329.46	0.000971	2.88	6167.90	509.47	0.15
Bell-2-Gober	54674	25-EV	14844.00	308.00	328.12		328.23	0.000938	2.67	5557.15	501.71	0.14
Bell-2-Gober	54674	10-EV	7143.00	308.00	322.55		322.63	0.000914	2.28	3139.60	371.75	0.14
Bell-2-Gober	54674	5-EV	2360.00	308.00	315.34		315.46	0.004146	2.78	850.09	255.70	0.27

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	54674	2-EV	528.00	308.00	310.61		310.93	0.016713	4.52	116.86	62.45	0.58
Bell-2-Gober	54524	100-EV	20204.00	306.04	330.09		330.27	0.001385	3.37	6003.29	525.15	0.18
Bell-2-Gober	54524	50-EV	17747.00	306.04	329.12		329.28	0.001396	3.23	5499.41	514.67	0.17
Bell-2-Gober	54524	25-EV	14844.00	306.04	327.94		328.08	0.001097	3.03	4898.53	427.41	0.16
Bell-2-Gober	54524	10-EV	7143.00	306.04	322.41		322.50	0.000797	2.42	2948.92	313.44	0.14
Bell-2-Gober	54524	5-EV	2360.00	306.04	314.94		315.02	0.002072	2.40	983.76	231.18	0.21
Bell-2-Gober	54524	2-EV	528.00	306.04	310.03		310.10	0.002366	2.09	252.55	105.00	0.24
Bell-2-Gober	54374	100-EV	20204.00	306.00	329.92		330.07	0.001122	3.19	6340.85	519.69	0.16
Bell-2-Gober	54374	50-EV	17747.00	306.00	328.95		329.09	0.001121	3.04	5839.97	512.96	0.16
Bell-2-Gober	54374	25-EV	14844.00	306.00	327.78		327.91	0.001098	2.83	5248.15	505.41	0.15
Bell-2-Gober	54374	10-EV	7143.00	306.00	322.23		322.34	0.001582	2.66	2688.62	400.78	0.18
Bell-2-Gober	54374	5-EV	2360.00	306.00	314.71		314.80	0.001156	2.34	1008.79	168.86	0.17
Bell-2-Gober	54374	2-EV	528.00	306.00	309.77		309.83	0.001446	1.89	279.12	90.26	0.19
Bell-2-Gober	54223	100-EV	20204.00	304.00	329.63	318.45	329.84	0.002152	3.70	5466.40	545.36	0.20
Bell-2-Gober	54223	50-EV	17747.00	304.00	328.66	317.46	328.86	0.002159	3.58	4960.94	507.59	0.20
Bell-2-Gober	54223	25-EV	14844.00	304.00	327.50	316.31	327.68	0.002141	3.38	4391.46	482.78	0.20
Bell-2-Gober	54223	10-EV	7143.00	304.00	321.71	312.65	321.93	0.005146	3.73	1914.31	345.77	0.28
Bell-2-Gober	54223	5-EV	2360.00	304.00	314.40	309.36	314.57	0.001837	3.33	708.79	103.58	0.22
Bell-2-Gober	54223	2-EV	528.00	304.00	309.50	306.45	309.57	0.001979	2.09	252.54	82.02	0.21
Bell-2-Gober	54074	100-EV	20204.00	304.00	329.13	323.70	329.48	0.002568	4.72	4278.15	504.98	0.28
Bell-2-Gober	54074	50-EV	17747.00	304.00	328.14	323.31	328.48	0.002746	4.68	3792.24	491.99	0.30
Bell-2-Gober	54074	25-EV	14844.00	304.00	326.96	322.80	327.29	0.002937	4.61	3222.50	478.52	0.31
Bell-2-Gober	54074	10-EV	7143.00	304.00	318.53	316.29	320.60	0.012532	11.53	619.46	71.78	0.69
Bell-2-Gober	54074	5-EV	2360.00	304.00	312.46	311.19	313.82	0.017341	9.37	251.81	47.78	0.72
Bell-2-Gober	54074	2-EV	528.00	304.00	308.34	307.42	308.88	0.015300	5.92	89.12	31.27	0.62
Bell-2-Gober	53849	100-EV	20204.00	302.00	328.35	322.80	328.76	0.003938	5.15	3923.26	485.40	0.31
Bell-2-Gober	53849	50-EV	17747.00	302.00	327.27	318.88	327.68	0.004652	5.16	3439.60	476.41	0.33
Bell-2-Gober	53849	25-EV	14844.00	302.00	325.95	317.36	326.37	0.005953	5.20	2857.14	466.17	0.36
Bell-2-Gober	53849	10-EV	7143.00	302.00	316.98	312.43	318.31	0.007075	9.24	772.71	74.01	0.50
Bell-2-Gober	53849	5-EV	2360.00	302.00	310.24	307.78	311.02	0.008443	7.10	332.47	56.51	0.52
Bell-2-Gober	53849	2-EV	528.00	302.00	305.62	304.52	305.99	0.010664	4.89	108.03	39.48	0.52
Bell-2-Gober	53698	100-EV	20204.00	300.00	327.54	319.41	328.08	0.004650	5.89	3432.33	496.42	0.35
Bell-2-Gober	53698	50-EV	17747.00	300.00	326.28	318.08	326.85	0.005881	6.05	2931.85	480.21	0.39
Bell-2-Gober	53698	25-EV	14844.00	300.00	324.53	316.51	325.20	0.009084	6.56	2264.51	451.02	0.47
Bell-2-Gober	53698	10-EV	7143.00	300.00	315.69	311.12	317.11	0.008507	9.56	747.24	73.80	0.53
Bell-2-Gober	53698	5-EV	2360.00	300.00	309.03	306.20	309.80	0.007705	7.02	336.08	52.46	0.49
Bell-2-Gober	53698	2-EV	528.00	300.00	304.33	302.82	304.63	0.007285	4.39	120.35	38.42	0.44
Bell-2-Gober	53549	100-EV	20204.00	297.06	319.14	319.14	324.97	0.037870	19.37	1043.24	89.30	1.00
Bell-2-Gober	53549	50-EV	17747.00	297.06	317.45	317.45	323.42	0.038227	19.59	905.93	75.92	1.00
Bell-2-Gober	53549	25-EV	14844.00	297.06	315.96	315.80	321.36	0.036625	18.65	795.90	70.97	0.98
Bell-2-Gober	53549	10-EV	7143.00	297.06	311.06	310.22	314.41	0.028467	14.68	486.65	56.26	0.88
Bell-2-Gober	53549	5-EV	2360.00	297.06	305.03	304.86	307.28	0.031754	12.03	196.11	39.61	0.95
Bell-2-Gober	53549	2-EV	528.00	297.06	301.07	301.07	302.20	0.043100	8.52	62.00	27.70	1.00
Bell-2-Gober	53399	100-EV	20204.00	296.00	316.23	313.07	319.99	0.016116	15.55	1299.10	96.47	0.75
Bell-2-Gober	53399	50-EV	17747.00	296.00	315.46	311.75	318.72	0.014124	14.48	1225.80	93.10	0.70
Bell-2-Gober	53399	25-EV	14844.00	296.00	314.47	310.14	317.13	0.011636	13.06	1136.34	88.82	0.64
Bell-2-Gober	53399	10-EV	7143.00	296.00	310.43	305.27	311.64	0.006028	8.79	812.31	72.90	0.46
Bell-2-Gober	53399	5-EV	2360.00	296.00	304.44	300.91	304.95	0.004666	5.73	411.59	60.73	0.39
Bell-2-Gober	53399	2-EV	528.00	296.00	299.66	298.14	299.87	0.005592	3.65	144.64	50.94	0.38
Bell-2-Gober	53249	100-EV	20204.00	294.00	313.44	312.74	316.70	0.026103	14.48	1395.33	169.52	0.89
Bell-2-Gober	53249	50-EV	17747.00	294.00	312.87	312.06	315.77	0.024986	13.67	1298.69	166.81	0.86
Bell-2-Gober	53249	25-EV	14844.00	294.00	312.26	311.12	314.64	0.022055	12.38	1198.63	162.84	0.80
Bell-2-Gober	53249	10-EV	7143.00	294.00	307.65		309.95	0.014795	12.18	586.55	64.39	0.71
Bell-2-Gober	53249	5-EV	2360.00	294.00	303.11	300.37	303.93	0.008361	7.29	323.83	51.22	0.51
Bell-2-Gober	53249	2-EV	528.00	294.00	298.78	296.80	299.03	0.005382	4.03	131.06	37.38	0.38
Bell-2-Gober	53099	100-EV	20204.00	294.00	308.87	308.87	311.86	0.038462	13.87	1456.32	244.22	1.00
Bell-2-Gober	53099	50-EV	17747.00	294.00	308.27	308.27	311.11	0.039092	13.50	1314.12	232.68	1.00
Bell-2-Gober	53099	25-EV	14844.00	294.00	307.44	307.44	310.14	0.041266	13.17	1127.11	216.43	1.02
Bell-2-Gober	53099	10-EV	7143.00	294.00	304.12	304.12	306.51	0.039828	12.38	577.03	121.80	1.00
Bell-2-Gober	53099	5-EV	2360.00	294.00	299.17	299.17	301.28	0.035436	11.65	202.66	48.61	1.01
Bell-2-Gober	53099	2-EV	528.00	294.00	296.16	296.16	297.05	0.045486	7.58	69.69	39.68	1.01
Bell-2-Gober	52949	100-EV	20204.00	286.00	298.11		299.40	0.013575	9.10	2220.60	248.59	0.54
Bell-2-Gober	52949	50-EV	17747.00	286.00	297.52		298.66	0.012794	8.55	2075.25	243.98	0.52
Bell-2-Gober	52949	25-EV	14844.00	286.00	296.77		297.72	0.011742	7.84	1893.84	238.09	0.49
Bell-2-Gober	52949	10-EV	7143.00	286.00	294.25		294.71	0.008054	5.42	1318.91	218.10	0.39
Bell-2-Gober	52949	5-EV	2360.00	286.00	291.50		291.64	0.003937	3.06	772.11	164.80	0.25
Bell-2-Gober	52949	2-EV	528.00	286.00	289.12		289.15	0.001539	1.33	398.47	147.87	0.14
Bell-2-Gober	52799	100-EV	20204.00	286.00	297.17		297.71	0.006142	5.93	3408.27	399.81	0.36
Bell-2-Gober	52799	50-EV	17747.00	286.00	296.60		297.08	0.005853	5.57	3183.60	394.25	0.35

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	52799	25-EV	14844.00	286.00	295.89		296.30	0.005428	5.11	2906.59	387.01	0.33
Bell-2-Gober	52799	10-EV	7143.00	286.00	293.60		293.78	0.003698	3.48	2050.30	357.91	0.26
Bell-2-Gober	52799	5-EV	2360.00	286.00	291.15		291.21	0.001854	1.91	1234.34	304.51	0.17
Bell-2-Gober	52799	2-EV	528.00	286.00	288.97		288.98	0.000778	0.86	611.37	259.21	0.10
Bell-2-Gober	52649	100-EV	20204.00	286.00	296.45		296.84	0.004613	5.02	4023.94	546.36	0.33
Bell-2-Gober	52649	50-EV	17747.00	286.00	295.90		296.25	0.004523	4.76	3724.48	538.34	0.32
Bell-2-Gober	52649	25-EV	14844.00	286.00	295.21		295.52	0.004362	4.42	3360.58	528.74	0.31
Bell-2-Gober	52649	10-EV	7143.00	286.00	293.07		293.22	0.003559	3.16	2257.25	497.39	0.26
Bell-2-Gober	52649	5-EV	2360.00	286.00	290.84		290.89	0.002376	1.90	1242.94	414.68	0.19
Bell-2-Gober	52649	2-EV	528.00	286.00	288.83		288.84	0.001059	0.93	565.12	268.39	0.11
Bell-2-Gober	52424	100-EV	20204.00	286.00	295.66		295.92	0.003207	4.06	4978.23	714.61	0.27
Bell-2-Gober	52424	50-EV	17747.00	286.00	295.10		295.33	0.003257	3.88	4579.01	711.55	0.27
Bell-2-Gober	52424	25-EV	14844.00	286.00	294.42		294.62	0.003284	3.62	4095.38	706.64	0.27
Bell-2-Gober	52424	10-EV	7143.00	286.00	292.33		292.44	0.003235	2.71	2634.07	688.51	0.24
Bell-2-Gober	52424	5-EV	2360.00	286.00	290.17		290.23	0.003808	1.96	1201.96	570.36	0.24
Bell-2-Gober	52424	2-EV	528.00	286.00	288.45		288.47	0.002829	1.21	434.94	351.53	0.19
Bell-2-Gober	52274	100-EV	20204.00	286.00	295.17		295.44	0.003158	4.18	4832.66	684.38	0.28
Bell-2-Gober	52274	50-EV	17747.00	286.00	294.60		294.85	0.003183	3.99	4448.71	678.36	0.27
Bell-2-Gober	52274	25-EV	14844.00	286.00	293.92		294.14	0.003166	3.72	3990.32	671.12	0.27
Bell-2-Gober	52274	10-EV	7143.00	286.00	291.86		291.98	0.002885	2.72	2626.22	655.33	0.24
Bell-2-Gober	52274	5-EV	2360.00	286.00	289.58		289.65	0.003903	2.02	1171.20	570.68	0.25
Bell-2-Gober	52274	2-EV	528.00	286.00	287.78		287.83	0.007347	1.79	295.40	242.08	0.29
Bell-2-Gober	52124	100-EV	20205.00	284.17	294.68		294.95	0.003352	4.13	4897.16	696.00	0.27
Bell-2-Gober	52124	50-EV	17748.00	284.17	294.11		294.35	0.003393	3.94	4502.51	689.73	0.27
Bell-2-Gober	52124	25-EV	14845.00	284.17	293.44		293.65	0.003371	3.68	4038.41	681.06	0.27
Bell-2-Gober	52124	10-EV	7144.00	284.17	291.45		291.56	0.002677	2.61	2735.70	636.24	0.22
Bell-2-Gober	52124	5-EV	2360.00	284.17	289.01		289.07	0.003810	1.95	1212.50	577.81	0.24
Bell-2-Gober	52124	2-EV	528.00	284.17	286.99		287.02	0.004122	1.50	352.78	301.67	0.24
Bell-2-Gober	51974	100-EV	20205.00	284.00	293.80		294.22	0.007331	5.18	3900.90	654.46	0.37
Bell-2-Gober	51974	50-EV	17748.00	284.00	293.19		293.59	0.008020	5.06	3505.69	650.15	0.38
Bell-2-Gober	51974	25-EV	14845.00	284.00	292.49		292.86	0.008830	4.87	3050.34	643.36	0.39
Bell-2-Gober	51974	10-EV	7144.00	284.00	290.61		290.84	0.010280	3.84	1860.22	626.38	0.39
Bell-2-Gober	51974	5-EV	2360.00	284.00	288.00		288.18	0.009950	3.43	687.66	247.59	0.36
Bell-2-Gober	51974	2-EV	528.00	284.00	285.99		286.07	0.011193	2.18	242.22	188.71	0.34
Bell-2-Gober	51824	100-EV	20205.00	282.81	292.85		293.25	0.005649	5.05	3998.48	596.05	0.34
Bell-2-Gober	51824	50-EV	17748.00	282.81	292.15		292.53	0.006243	4.96	3579.84	592.69	0.36
Bell-2-Gober	51824	25-EV	14845.00	282.81	291.31		291.67	0.007073	4.81	3087.80	588.82	0.37
Bell-2-Gober	51824	10-EV	7144.00	282.81	289.15		289.39	0.009235	3.92	1821.99	578.66	0.39
Bell-2-Gober	51824	5-EV	2360.00	282.81	286.70		286.86	0.007763	3.22	731.98	263.58	0.34
Bell-2-Gober	51824	2-EV	528.00	282.81	284.92		284.96	0.005174	1.69	312.25	220.04	0.25
Bell-2-Gober	51674	100-EV	20205.00	281.57	292.22		292.53	0.003871	4.47	4519.37	611.85	0.29
Bell-2-Gober	51674	50-EV	17748.00	281.57	291.43		291.73	0.004305	4.39	4041.47	608.93	0.30
Bell-2-Gober	51674	25-EV	14845.00	281.57	290.48		290.77	0.004999	4.29	3462.61	605.38	0.32
Bell-2-Gober	51674	10-EV	7144.00	281.57	287.69		287.94	0.010047	3.98	1793.08	590.99	0.40
Bell-2-Gober	51674	5-EV	2360.00	281.57	285.20		285.41	0.012353	3.68	642.04	274.78	0.42
Bell-2-Gober	51674	2-EV	528.00	281.57	283.23		283.38	0.031283	3.06	172.71	197.59	0.58
Bell-2-Gober	51523	100-EV	20205.00	280.00	291.84		292.07	0.002191	3.84	5268.21	612.57	0.23
Bell-2-Gober	51523	50-EV	17748.00	280.00	291.03		291.24	0.002317	3.72	4770.45	607.66	0.23
Bell-2-Gober	51523	25-EV	14845.00	280.00	290.03		290.23	0.002482	3.56	4165.24	601.63	0.24
Bell-2-Gober	51523	10-EV	7144.00	280.00	286.96		287.10	0.003349	3.04	2349.02	580.09	0.27
Bell-2-Gober	51523	5-EV	2360.00	280.00	284.28		284.38	0.004103	2.58	914.14	369.07	0.29
Bell-2-Gober	51523	2-EV	528.00	280.00	282.18		282.23	0.003250	1.68	314.67	219.30	0.25
Bell-2-Gober	51374	100-EV	20205.00	280.00	291.56		291.77	0.001837	3.73	5422.79	589.12	0.22
Bell-2-Gober	51374	50-EV	17748.00	280.00	290.73		290.93	0.001923	3.60	4936.39	582.17	0.22
Bell-2-Gober	51374	25-EV	14845.00	280.00	289.71		289.89	0.002034	3.41	4347.35	573.07	0.22
Bell-2-Gober	51374	10-EV	7144.00	280.00	286.53		286.65	0.002640	2.80	2549.60	559.37	0.23
Bell-2-Gober	51374	5-EV	2360.00	280.00	283.75		283.82	0.003271	2.13	1107.47	428.53	0.23
Bell-2-Gober	51374	2-EV	528.00	280.00	281.78		281.81	0.002413	1.24	424.42	279.38	0.18
Bell-2-Gober	51224	100-EV	20205.00	278.43	291.28		291.49	0.001869	3.74	5403.16	582.05	0.22
Bell-2-Gober	51224	50-EV	17748.00	278.43	290.43		290.64	0.001926	3.61	4920.19	565.29	0.22
Bell-2-Gober	51224	25-EV	14845.00	278.43	289.40		289.58	0.001994	3.42	4345.45	551.93	0.21
Bell-2-Gober	51224	10-EV	7144.00	278.43	286.15		286.27	0.002398	2.76	2588.54	531.92	0.22
Bell-2-Gober	51224	5-EV	2360.00	278.43	283.25		283.32	0.003483	2.12	1115.00	482.22	0.25
Bell-2-Gober	51224	2-EV	528.00	278.43	281.10		281.16	0.009892	1.90	277.56	281.90	0.34
Bell-2-Gober	51074	100-EV	20205.00	277.24	290.95		291.18	0.002307	3.86	5239.96	558.85	0.22
Bell-2-Gober	51074	50-EV	17748.00	277.24	290.12		290.33	0.002154	3.70	4801.27	507.67	0.21
Bell-2-Gober	51074	25-EV	14845.00	277.24	289.08		289.27	0.002152	3.47	4283.90	496.96	0.21
Bell-2-Gober	51074	10-EV	7144.00	277.24	285.81		285.92	0.002207	2.65	2695.99	474.07	0.20
Bell-2-Gober	51074	5-EV	2360.00	277.24	282.87		282.91	0.002030	1.73	1365.32	425.98	0.17
Bell-2-Gober	51074	2-EV	528.00	277.24	280.39		280.41	0.002856	1.20	441.30	306.08	0.18

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	50923	100-EV	20205.00	276.00	290.48	283.78	290.79	0.002879	4.45	4545.35	669.98	0.26
Bell-2-Gober	50923	50-EV	17748.00	276.00	289.67	283.41	289.95	0.002846	4.27	4153.99	635.55	0.25
Bell-2-Gober	50923	25-EV	14845.00	276.00	288.65	282.94	288.90	0.002790	4.03	3683.69	597.09	0.25
Bell-2-Gober	50923	10-EV	7144.00	276.00	285.41	281.25	285.56	0.002592	3.07	2327.20	422.79	0.22
Bell-2-Gober	50923	5-EV	2360.00	276.00	282.53	279.55	282.59	0.002263	1.93	1219.78	374.58	0.19
Bell-2-Gober	50923	2-EV	528.00	276.00	280.06	277.98	280.08	0.001729	1.17	450.85	248.86	0.15
Bell-2-Gober	50774	100-EV	20205.00	275.93	289.59		290.21	0.004754	6.30	3209.60	369.14	0.38
Bell-2-Gober	50774	50-EV	17748.00	275.93	288.81		289.38	0.004787	6.07	2923.83	357.48	0.37
Bell-2-Gober	50774	25-EV	14845.00	275.93	287.82		288.33	0.004832	5.76	2576.87	343.76	0.37
Bell-2-Gober	50774	10-EV	7144.00	275.93	284.72		285.03	0.004725	4.50	1586.18	301.73	0.35
Bell-2-Gober	50774	5-EV	2360.00	275.93	281.99		282.12	0.004480	2.95	800.31	274.29	0.30
Bell-2-Gober	50774	2-EV	528.00	275.93	279.58		279.66	0.005302	2.25	234.61	151.84	0.32
Bell-2-Gober	50624	100-EV	20205.00	275.53	288.97		289.53	0.004146	6.01	3362.87	378.28	0.36
Bell-2-Gober	50624	50-EV	17748.00	275.53	288.17		288.69	0.004260	5.80	3062.61	371.24	0.36
Bell-2-Gober	50624	25-EV	14845.00	275.53	287.15		287.63	0.004454	5.52	2690.22	363.02	0.36
Bell-2-Gober	50624	10-EV	7144.00	275.53	283.94		284.26	0.005581	4.55	1568.51	334.84	0.37
Bell-2-Gober	50624	5-EV	2360.00	275.53	281.10		281.29	0.006995	3.49	676.92	261.63	0.38
Bell-2-Gober	50624	2-EV	528.00	275.53	278.68		278.81	0.005979	2.88	183.11	98.17	0.37
Bell-2-Gober	50399	100-EV	20205.00	273.89	288.46		288.78	0.002298	4.53	4457.14	441.72	0.25
Bell-2-Gober	50399	50-EV	17748.00	273.89	287.64		287.93	0.002310	4.33	4097.71	436.00	0.25
Bell-2-Gober	50399	25-EV	14845.00	273.89	286.60		286.85	0.002333	4.07	3647.61	428.08	0.25
Bell-2-Gober	50399	10-EV	7144.00	273.89	283.26		283.42	0.002450	3.16	2263.20	399.81	0.23
Bell-2-Gober	50399	5-EV	2360.00	273.89	280.39		280.45	0.002149	2.05	1149.35	377.77	0.21
Bell-2-Gober	50399	2-EV	528.00	273.89	278.25		278.28	0.001158	1.19	445.02	222.59	0.15
Bell-2-Gober	50174	100-EV	20205.00	276.00	287.71		288.16	0.003192	5.39	3745.33	401.87	0.31
Bell-2-Gober	50174	50-EV	17748.00	276.00	286.89		287.30	0.003246	5.19	3419.36	394.09	0.31
Bell-2-Gober	50174	25-EV	14845.00	276.00	285.84		286.22	0.003315	4.93	3013.75	383.08	0.31
Bell-2-Gober	50174	10-EV	7144.00	276.00	282.46		282.72	0.003922	4.02	1775.01	350.89	0.32
Bell-2-Gober	50174	5-EV	2360.00	276.00	279.63		279.75	0.004760	2.86	826.14	317.72	0.31
Bell-2-Gober	50174	2-EV	528.00	276.00	277.76		277.81	0.004589	1.83	288.07	216.46	0.28
Bell-2-Gober	50025	100-EV	20205.00	273.43	287.29		287.70	0.002794	5.18	3902.82	425.59	0.30
Bell-2-Gober	50025	50-EV	17748.00	273.43	286.45		286.84	0.002904	5.00	3549.06	420.92	0.30
Bell-2-Gober	50025	25-EV	14845.00	273.43	285.38		285.74	0.003081	4.78	3103.71	413.11	0.31
Bell-2-Gober	50025	10-EV	7144.00	273.43	281.85		282.11	0.004128	4.15	1720.80	361.53	0.34
Bell-2-Gober	50025	5-EV	2360.00	273.43	278.79		278.96	0.005975	3.29	717.07	299.55	0.38
Bell-2-Gober	50025	2-EV	528.00	273.43	276.81		276.91	0.008278	2.50	211.44	179.93	0.41
Bell-2-Gober	49874	100-EV	20205.00	271.46	286.97		287.32	0.002046	4.77	4238.67	405.13	0.26
Bell-2-Gober	49874	50-EV	17748.00	271.46	286.13		286.45	0.002054	4.55	3899.79	401.04	0.26
Bell-2-Gober	49874	25-EV	14845.00	271.46	285.05		285.34	0.002073	4.28	3471.25	395.07	0.25
Bell-2-Gober	49874	10-EV	7144.00	271.46	281.44		281.62	0.002424	3.43	2081.69	371.83	0.26
Bell-2-Gober	49874	5-EV	2360.00	271.46	278.16		278.26	0.003466	2.58	913.83	332.55	0.27
Bell-2-Gober	49874	2-EV	528.00	271.46	275.89		275.95	0.004948	1.99	265.48	192.19	0.30
Bell-2-Gober	49724	100-EV	20205.00	271.01	286.57		286.97	0.002632	5.13	3941.46	394.62	0.29
Bell-2-Gober	49724	50-EV	17748.00	271.01	285.72		286.10	0.002667	4.91	3611.36	390.13	0.28
Bell-2-Gober	49724	25-EV	14845.00	271.01	284.64		284.98	0.002749	4.65	3192.43	384.60	0.28
Bell-2-Gober	49724	10-EV	7144.00	271.01	280.99		281.22	0.002946	3.85	1856.69	318.64	0.28
Bell-2-Gober	49724	5-EV	2360.00	271.01	277.46		277.61	0.005583	3.09	763.39	300.26	0.34
Bell-2-Gober	49724	2-EV	528.00	271.01	274.88		275.00	0.008376	2.77	190.79	126.85	0.40
Bell-2-Gober	49574	100-EV	20205.00	271.00	285.68		286.45	0.004098	7.04	2871.58	278.38	0.39
Bell-2-Gober	49574	50-EV	17748.00	271.00	284.89		285.58	0.003977	6.69	2652.93	272.64	0.38
Bell-2-Gober	49574	25-EV	14845.00	271.00	283.87		284.48	0.003690	6.23	2381.50	259.43	0.36
Bell-2-Gober	49574	10-EV	7144.00	271.00	280.44		280.76	0.002939	4.60	1554.11	228.04	0.31
Bell-2-Gober	49574	5-EV	2360.00	271.00	276.93		277.07	0.002515	2.98	791.29	205.37	0.27
Bell-2-Gober	49574	2-EV	528.00	271.00	274.04		274.11	0.004272	2.14	246.60	161.93	0.31
Bell-2-Gober	49425	100-EV	20205.00	270.15	284.73	279.52	285.69	0.006138	7.88	2565.43	241.34	0.43
Bell-2-Gober	49425	50-EV	17748.00	270.15	284.00	278.94	284.86	0.005817	7.42	2391.61	236.97	0.41
Bell-2-Gober	49425	25-EV	14845.00	270.15	283.08	278.21	283.81	0.005364	6.82	2177.03	231.30	0.39
Bell-2-Gober	49425	10-EV	7144.00	270.15	279.88	275.88	280.25	0.004075	4.87	1465.68	212.64	0.33
Bell-2-Gober	49425	5-EV	2360.00	270.15	276.52	273.58	276.66	0.003012	3.01	783.46	191.26	0.26
Bell-2-Gober	49425	2-EV	528.00	270.15	273.59	271.78	273.64	0.002372	1.82	289.56	139.06	0.22
Bell-2-Gober	49199	100-EV	20205.00	270.00	284.24		284.67	0.002594	5.26	3842.11	457.30	0.32
Bell-2-Gober	49199	50-EV	17748.00	270.00	283.47		283.87	0.002628	5.08	3495.71	442.72	0.32
Bell-2-Gober	49199	25-EV	14845.00	270.00	282.52		282.87	0.002633	4.78	3104.55	391.28	0.30
Bell-2-Gober	49199	10-EV	7144.00	270.00	279.18		279.41	0.003057	3.90	1833.08	370.02	0.31
Bell-2-Gober	49199	5-EV	2360.00	270.00	275.81		275.96	0.003162	3.10	760.45	218.06	0.29
Bell-2-Gober	49199	2-EV	528.00	270.00	272.98		273.05	0.002927	2.08	253.58	131.02	0.26
Bell-2-Gober	49049	100-EV	20205.00	270.00	284.01		284.29	0.001990	4.25	4758.84	503.28	0.24
Bell-2-Gober	49049	50-EV	17748.00	270.00	283.25		283.51	0.001779	4.04	4394.52	460.72	0.23
Bell-2-Gober	49049	25-EV	14845.00	270.00	282.30		282.52	0.001699	3.75	3962.46	449.25	0.22

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	49049	10-EV	7144.00	270.00	278.91		279.04	0.001748	2.88	2478.86	427.16	0.21
Bell-2-Gober	49049	5-EV	2360.00	270.00	275.35		275.43	0.003664	2.37	995.72	402.17	0.27
Bell-2-Gober	49049	2-EV	528.00	270.00	272.32		272.43	0.006211	2.61	202.31	118.42	0.35
Bell-2-Gober	48824	100-EV	20205.00	269.00	283.57		283.81	0.002118	3.98	5071.53	481.55	0.22
Bell-2-Gober	48824	50-EV	17748.00	269.00	282.85		283.07	0.002043	3.75	4726.79	476.55	0.21
Bell-2-Gober	48824	25-EV	14845.00	269.00	281.91		282.10	0.001957	3.46	4284.58	470.96	0.20
Bell-2-Gober	48824	10-EV	7144.00	269.00	278.51		278.62	0.001944	2.63	2717.02	444.67	0.19
Bell-2-Gober	48824	5-EV	2360.00	269.00	274.51		274.59	0.003759	2.17	1088.93	379.14	0.23
Bell-2-Gober	48824	2-EV	528.00	269.00	271.24		271.33	0.003880	2.38	221.61	111.66	0.30
Bell-2-Gober	48524	100-EV	20205.00	267.01	282.62		283.02	0.003255	5.10	3961.71	392.77	0.28
Bell-2-Gober	48524	50-EV	17748.00	267.01	281.95		282.31	0.003089	4.79	3702.48	386.68	0.27
Bell-2-Gober	48524	25-EV	14845.00	267.01	281.09		281.39	0.002841	4.40	3373.63	374.69	0.26
Bell-2-Gober	48524	10-EV	7144.00	267.01	277.78		277.95	0.002575	3.27	2186.98	350.37	0.23
Bell-2-Gober	48524	5-EV	2360.00	267.01	273.49		273.61	0.002829	2.76	855.26	202.10	0.24
Bell-2-Gober	48524	2-EV	528.00	267.01	270.46		270.50	0.002040	1.64	321.86	146.09	0.19
Bell-2-Gober	48374	100-EV	20205.00	267.00	281.72	276.12	282.35	0.006010	6.38	3169.40	387.08	0.39
Bell-2-Gober	48374	50-EV	17748.00	267.00	281.09	275.54	281.66	0.005897	6.06	2929.82	379.22	0.38
Bell-2-Gober	48374	25-EV	14845.00	267.00	280.28	274.82	280.78	0.005759	5.65	2627.65	368.72	0.37
Bell-2-Gober	48374	10-EV	7144.00	267.00	277.20	272.31	277.49	0.003499	4.31	1656.82	229.69	0.28
Bell-2-Gober	48374	5-EV	2360.00	267.00	272.98	270.08	273.13	0.003572	3.10	760.16	176.44	0.26
Bell-2-Gober	48374	2-EV	528.00	267.00	270.07	268.46	270.12	0.003085	1.84	286.86	138.15	0.23
Bell-2-Gober	48224	100-EV	20205.00	266.00	280.11	276.96	281.05	0.012534	7.80	2590.20	365.90	0.52
Bell-2-Gober	48224	50-EV	17748.00	266.00	279.53	276.44	280.39	0.012381	7.46	2380.20	354.84	0.51
Bell-2-Gober	48224	25-EV	14845.00	266.00	278.78	275.68	279.54	0.012105	7.00	2120.12	339.14	0.49
Bell-2-Gober	48224	10-EV	7144.00	266.00	276.17	271.97	276.62	0.010596	5.40	1322.95	271.86	0.43
Bell-2-Gober	48224	5-EV	2360.00	266.00	272.38	269.30	272.58	0.003579	3.66	644.58	133.22	0.29
Bell-2-Gober	48224	2-EV	528.00	266.00	269.77	267.61	269.82	0.001422	1.64	322.48	115.46	0.17
Bell-2-Gober	47999	100-EV	20205.00	266.00	278.62	275.14	279.20	0.005235	6.09	3317.62	486.35	0.41
Bell-2-Gober	47999	50-EV	17748.00	266.00	278.05	274.72	278.58	0.005109	5.83	3042.00	476.24	0.41
Bell-2-Gober	47999	25-EV	14845.00	266.00	277.33	274.19	277.80	0.004920	5.50	2700.13	464.92	0.40
Bell-2-Gober	47999	10-EV	7144.00	266.00	274.88	271.70	275.18	0.004044	4.40	1624.08	396.88	0.38
Bell-2-Gober	47999	5-EV	2360.00	266.00	271.43	269.70	271.65	0.004845	3.74	630.59	196.64	0.37
Bell-2-Gober	47999	2-EV	528.00	266.00	269.21	267.84	269.30	0.004228	2.31	228.44	166.02	0.35
Bell-2-Gober	47774	100-EV	20205.00	265.00	277.16	274.05	277.77	0.007934	6.26	3229.85	485.45	0.43
Bell-2-Gober	47774	50-EV	17748.00	265.00	276.60	273.70	277.16	0.008053	6.00	2959.46	478.70	0.43
Bell-2-Gober	47774	25-EV	14845.00	265.00	275.89	273.26	276.39	0.008229	5.66	2623.74	469.88	0.42
Bell-2-Gober	47774	10-EV	7144.00	265.00	273.42	270.66	273.77	0.011002	4.75	1503.61	431.61	0.45
Bell-2-Gober	47774	5-EV	2360.00	265.00	270.05	268.66	270.32	0.007401	4.20	561.63	191.09	0.43
Bell-2-Gober	47774	2-EV	528.00	265.00	268.00	267.15	268.11	0.007005	2.58	204.32	143.27	0.38
Bell-2-Gober	47625	100-EV	20205.00	263.00	276.16		276.65	0.006579	5.62	3595.74	556.21	0.39
Bell-2-Gober	47625	50-EV	17748.00	263.00	275.55		276.01	0.006942	5.45	3256.70	548.45	0.39
Bell-2-Gober	47625	25-EV	14845.00	263.00	274.75		275.18	0.007656	5.26	2822.18	538.34	0.41
Bell-2-Gober	47625	10-EV	7144.00	263.00	271.67		272.12	0.010885	5.37	1329.40	355.38	0.49
Bell-2-Gober	47625	5-EV	2360.00	263.00	268.69		269.02	0.010246	4.61	512.20	199.06	0.51
Bell-2-Gober	47625	2-EV	528.00	263.00	266.66		266.82	0.010633	3.23	163.49	114.25	0.48
Bell-2-Gober	47474	100-EV	20205.00	261.07	275.01		275.72	0.005491	6.79	2975.35	474.08	0.48
Bell-2-Gober	47474	50-EV	17748.00	261.07	274.37		275.05	0.005567	6.63	2677.28	457.52	0.48
Bell-2-Gober	47474	25-EV	14845.00	261.07	273.50		274.16	0.005796	6.48	2290.31	437.18	0.50
Bell-2-Gober	47474	10-EV	7144.00	261.07	270.43		270.90	0.006247	5.48	1303.71	279.31	0.45
Bell-2-Gober	47474	5-EV	2360.00	261.07	267.29		267.62	0.008376	4.59	514.38	181.10	0.48
Bell-2-Gober	47474	2-EV	528.00	261.07	264.49		264.77	0.017943	4.27	123.70	84.24	0.62
Bell-2-Gober	47324	100-EV	20205.00	260.02	273.85		274.74	0.007693	7.59	2661.04	427.82	0.54
Bell-2-Gober	47324	50-EV	17748.00	260.02	273.26		274.09	0.007218	7.33	2421.79	386.34	0.52
Bell-2-Gober	47324	25-EV	14845.00	260.02	272.49		273.23	0.006458	6.92	2145.65	330.73	0.48
Bell-2-Gober	47324	10-EV	7144.00	260.02	269.57		270.03	0.005332	5.44	1314.37	257.50	0.42
Bell-2-Gober	47324	5-EV	2360.00	260.02	266.37		266.62	0.005271	3.98	593.58	188.39	0.39
Bell-2-Gober	47324	2-EV	528.00	260.02	263.38		263.49	0.004642	2.66	198.48	99.93	0.33
Bell-2-Gober	47174	100-EV	20205.00	258.76	270.28	270.28	272.64	0.026964	12.32	1639.96	353.21	1.01
Bell-2-Gober	47174	50-EV	17748.00	258.76	269.77	269.77	272.04	0.028168	12.09	1467.40	322.73	1.00
Bell-2-Gober	47174	25-EV	14845.00	258.76	269.03	269.03	271.25	0.031873	11.93	1244.10	283.92	1.00
Bell-2-Gober	47174	10-EV	7144.00	258.76	266.44	266.44	268.23	0.036688	10.72	666.29	188.01	1.00
Bell-2-Gober	47174	5-EV	2360.00	258.76	263.55	263.55	264.82	0.040041	9.05	260.83	103.24	1.00
Bell-2-Gober	47174	2-EV	528.00	258.76	261.15	261.15	261.83	0.047153	6.61	79.87	58.91	1.00
Bell-2-Gober	47059	100-EV	20205.00	254.20	269.96	264.27	271.07	0.003777	8.45	2389.82	200.70	0.43
Bell-2-Gober	47059	50-EV	17748.00	254.20	268.82	263.64	269.87	0.003948	8.20	2163.33	196.20	0.44
Bell-2-Gober	47059	25-EV	14845.00	254.20	267.35	262.82	268.32	0.004258	7.90	1878.71	190.41	0.44
Bell-2-Gober	47059	10-EV	7144.00	254.20	263.07	260.25	263.73	0.005236	6.49	1100.03	173.67	0.45
Bell-2-Gober	47059	5-EV	2360.00	254.20	259.46	257.41	259.79	0.006013	4.64	508.89	143.70	0.43
Bell-2-Gober	47059	2-EV	528.00	254.20	256.93	255.60	257.02	0.003606	2.48	212.96	98.88	0.30

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	46994		Bridge									
Bell-2-Gober	46931	100-EV	20205.00	251.76	266.71		267.95	0.004327	8.95	2258.43	181.27	0.45
Bell-2-Gober	46931	50-EV	17748.00	251.76	265.49		266.66	0.004552	8.70	2039.57	176.84	0.45
Bell-2-Gober	46931	25-EV	14845.00	251.76	263.90		265.00	0.004971	8.42	1763.61	171.09	0.46
Bell-2-Gober	46931	10-EV	7144.00	251.76	259.37		260.12	0.006220	6.96	1025.74	154.67	0.48
Bell-2-Gober	46931	5-EV	2360.00	251.76	255.91		256.24	0.006231	4.61	512.02	142.12	0.43
Bell-2-Gober	46931	2-EV	528.00	251.76	253.64		253.75	0.006296	2.64	199.81	127.97	0.37
Bell-2-Gober	46887	100-EV	20205.00	251.57	266.77	260.25	267.57	0.003136	7.15	2826.98	305.04	0.37
Bell-2-Gober	46887	50-EV	17748.00	251.57	265.52	259.56	266.29	0.003379	7.03	2525.18	296.47	0.38
Bell-2-Gober	46887	25-EV	14845.00	251.57	263.88	258.74	264.63	0.003845	6.95	2136.77	284.63	0.41
Bell-2-Gober	46887	10-EV	7144.00	251.57	259.19	256.17	259.80	0.005243	6.27	1139.56	176.46	0.43
Bell-2-Gober	46887	5-EV	2360.00	251.57	255.68	253.96	255.96	0.005419	4.26	554.63	157.12	0.40
Bell-2-Gober	46887	2-EV	528.00	251.57	253.36	252.64	253.46	0.006484	2.57	205.81	142.52	0.38
Bell-2-Gober	46841	100-EV	20205.00	251.38	266.85	258.99	267.36	0.002427	5.73	3523.31	353.48	0.29
Bell-2-Gober	46841	50-EV	17748.00	251.38	265.58	258.38	266.07	0.002678	5.63	3150.64	342.72	0.30
Bell-2-Gober	46841	25-EV	14845.00	251.38	263.92	257.65	264.40	0.003162	5.56	2672.23	332.87	0.32
Bell-2-Gober	46841	10-EV	7144.00	251.38	259.16	255.37	259.54	0.003532	4.99	1431.53	215.14	0.34
Bell-2-Gober	46841	5-EV	2360.00	251.38	255.57	253.47	255.74	0.003235	3.34	707.56	191.52	0.31
Bell-2-Gober	46841	2-EV	528.00	251.38	253.15	252.35	253.22	0.004260	2.05	257.39	179.58	0.30
Bell-2-Gober	46786	100-EV	20205.00	251.14	266.88		267.20	0.001486	4.57	4486.91	477.47	0.25
Bell-2-Gober	46786	50-EV	17748.00	251.14	265.58		265.91	0.001742	4.59	3879.78	445.46	0.26
Bell-2-Gober	46786	25-EV	14845.00	251.14	263.89		264.22	0.001964	4.63	3204.30	365.71	0.28
Bell-2-Gober	46786	10-EV	7144.00	251.14	259.09		259.36	0.002210	4.19	1703.61	246.62	0.28
Bell-2-Gober	46786	5-EV	2360.00	251.14	255.47		255.59	0.002015	2.74	862.61	222.03	0.24
Bell-2-Gober	46786	2-EV	528.00	251.14	253.01		253.05	0.002277	1.61	328.95	207.48	0.22
Bell-2-Gober	46738	100-EV	20205.00	250.34	266.85		267.11	0.001549	4.09	4937.20	517.34	0.23
Bell-2-Gober	46738	50-EV	17748.00	250.34	265.54		265.80	0.001607	4.14	4285.14	472.83	0.24
Bell-2-Gober	46738	25-EV	14845.00	250.34	263.84		264.11	0.001592	4.16	3565.53	386.56	0.24
Bell-2-Gober	46738	10-EV	7144.00	250.34	259.05		259.25	0.001495	3.60	1982.21	269.36	0.23
Bell-2-Gober	46738	5-EV	2360.00	250.34	255.42		255.50	0.001232	2.26	1044.34	248.29	0.19
Bell-2-Gober	46738	2-EV	528.00	250.34	252.95		252.97	0.000872	1.16	454.74	227.02	0.14
Bell-2-Gober	46499	100-EV	20205.00	249.00	266.53		266.79	0.001120	4.13	4886.46	529.14	0.24
Bell-2-Gober	46499	50-EV	17748.00	249.00	265.19		265.46	0.001290	4.20	4230.21	451.19	0.24
Bell-2-Gober	46499	25-EV	14845.00	249.00	263.48		263.76	0.001408	4.19	3546.05	387.24	0.24
Bell-2-Gober	46499	10-EV	7144.00	249.00	258.51		258.78	0.002648	4.14	1725.98	295.97	0.30
Bell-2-Gober	46499	5-EV	2360.00	249.00	254.76		254.95	0.005419	3.45	683.94	261.12	0.38
Bell-2-Gober	46499	2-EV	528.00	249.00	252.36		252.48	0.008578	2.85	185.18	132.98	0.43
Bell-2-Gober	46348	100-EV	20205.00	248.10	266.38		266.56	0.001709	3.48	5799.73	630.63	0.20
Bell-2-Gober	46348	50-EV	17748.00	248.10	264.99		265.19	0.002203	3.60	4931.64	621.06	0.23
Bell-2-Gober	46348	25-EV	14845.00	248.10	263.21		263.44	0.003162	3.85	3851.56	574.07	0.26
Bell-2-Gober	46348	10-EV	7144.00	248.10	258.08		258.32	0.003351	3.93	1819.05	358.06	0.31
Bell-2-Gober	46348	5-EV	2360.00	248.10	253.81		254.03	0.006731	3.78	624.41	235.13	0.41
Bell-2-Gober	46348	2-EV	528.00	248.10	251.34		251.44	0.005556	2.50	211.28	125.63	0.34
Bell-2-Gober	46198	100-EV	20205.00	247.20	265.97		266.25	0.002449	4.28	4719.48	584.95	0.27
Bell-2-Gober	46198	50-EV	17748.00	247.20	264.53		264.84	0.002347	4.47	3973.16	460.95	0.27
Bell-2-Gober	46198	25-EV	14845.00	247.20	262.80		263.11	0.001520	4.47	3319.50	291.09	0.23
Bell-2-Gober	46198	10-EV	7144.00	247.20	257.72		257.94	0.001924	3.76	1898.74	269.88	0.25
Bell-2-Gober	46198	5-EV	2360.00	247.20	253.07		253.24	0.004161	3.33	709.73	222.88	0.33
Bell-2-Gober	46198	2-EV	528.00	247.20	250.32		250.44	0.008195	2.80	188.34	127.13	0.41
Bell-2-Gober	46048	100-EV	20205.00	245.37	265.59		265.96	0.001543	4.85	4162.50	501.07	0.30
Bell-2-Gober	46048	50-EV	17748.00	245.37	264.11		264.52	0.001795	5.13	3460.05	445.02	0.32
Bell-2-Gober	46048	25-EV	14845.00	245.37	262.38		262.83	0.002087	5.38	2759.62	338.29	0.33
Bell-2-Gober	46048	10-EV	7144.00	245.37	257.20		257.57	0.002967	4.88	1464.47	216.99	0.33
Bell-2-Gober	46048	5-EV	2360.00	245.37	252.33		252.59	0.004406	4.04	583.77	148.66	0.36
Bell-2-Gober	46048	2-EV	528.00	245.37	249.37		249.48	0.005152	2.67	197.43	106.17	0.35
Bell-2-Gober	45898	100-EV	20205.00	245.00	265.33	255.92	265.74	0.001245	5.16	3916.66	282.51	0.24
Bell-2-Gober	45898	50-EV	17748.00	245.00	263.89	255.39	264.29	0.001346	5.05	3516.02	273.91	0.25
Bell-2-Gober	45898	25-EV	14845.00	245.00	262.18	254.71	262.55	0.001473	4.86	3055.73	265.96	0.25
Bell-2-Gober	45898	10-EV	7144.00	245.00	256.89	251.84	257.16	0.002209	4.21	1695.63	247.86	0.28
Bell-2-Gober	45898	5-EV	2360.00	245.00	251.72	249.37	251.95	0.004023	3.84	614.41	159.90	0.35
Bell-2-Gober	45898	2-EV	528.00	245.00	248.45	247.28	248.59	0.006755	3.01	175.63	97.51	0.39
Bell-2-Gober	45748	100-EV	20205.00	245.00	264.99		265.49	0.002157	5.70	3546.68	287.79	0.29
Bell-2-Gober	45748	50-EV	17748.00	245.00	263.54		264.03	0.002108	5.63	3150.93	258.07	0.28
Bell-2-Gober	45748	25-EV	14845.00	245.00	261.82		262.28	0.002062	5.44	2729.43	235.59	0.28
Bell-2-Gober	45748	10-EV	7144.00	245.00	256.52		256.83	0.002203	4.49	1589.96	200.10	0.28
Bell-2-Gober	45748	5-EV	2360.00	245.00	251.20		251.41	0.003233	3.72	635.05	144.27	0.31
Bell-2-Gober	45748	2-EV	528.00	245.00	247.81		247.90	0.003246	2.41	218.93	96.93	0.28
Bell-2-Gober	45598	100-EV	20205.00	244.12	263.22	258.18	264.88	0.005742	10.32	1958.50	203.28	0.59
Bell-2-Gober	45598	50-EV	17748.00	244.12	261.51	257.09	263.37	0.006762	10.93	1623.97	187.55	0.65

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	45598	25-EV	14845.00	244.12	259.63	255.69	261.59	0.007570	11.23	1321.49	136.15	0.64
Bell-2-Gober	45598	10-EV	7144.00	244.12	254.96	251.69	256.19	0.007273	8.89	803.98	94.52	0.54
Bell-2-Gober	45598	5-EV	2360.00	244.12	250.01	248.10	250.62	0.008418	6.30	374.43	78.77	0.51
Bell-2-Gober	45598	2-EV	528.00	244.12	247.11	245.86	247.27	0.005470	3.26	161.96	67.27	0.37
Bell-2-Gober	45523	100-EV	20205.00	243.97	262.88	256.06	264.36	0.006884	9.77	2068.10	258.89	0.49
Bell-2-Gober	45523	50-EV	17748.00	243.97	261.26	255.16	262.75	0.006863	9.80	1810.32	226.76	0.50
Bell-2-Gober	45523	25-EV	14845.00	243.97	259.49	254.04	260.89	0.006699	9.51	1561.79	201.15	0.49
Bell-2-Gober	45523	10-EV	7144.00	243.97	254.80	250.54	255.60	0.005242	7.19	994.26	130.44	0.43
Bell-2-Gober	45523	5-EV	2360.00	243.97	249.59	247.44	250.02	0.006379	5.26	448.32	97.43	0.43
Bell-2-Gober	45523	2-EV	528.00	243.97	246.76	245.53	246.88	0.004647	2.80	188.41	85.02	0.33
Bell-2-Gober	45373	100-EV	20371.00	243.00	262.62		263.51	0.003164	7.53	2703.69	191.14	0.35
Bell-2-Gober	45373	50-EV	17889.00	243.00	261.01		261.87	0.003269	7.43	2406.55	179.91	0.36
Bell-2-Gober	45373	25-EV	14949.00	243.00	259.23		260.02	0.003351	7.14	2093.80	171.47	0.36
Bell-2-Gober	45373	10-EV	7112.00	243.00	254.46		254.92	0.002941	5.40	1317.60	153.87	0.33
Bell-2-Gober	45373	5-EV	2452.00	243.00	248.76		249.11	0.005570	4.72	519.24	123.68	0.41
Bell-2-Gober	45373	2-EV	603.00	243.00	245.61		245.82	0.011034	3.64	165.82	99.95	0.50
Bell-2-Gober	45298	100-EV	20371.00	242.01	262.58		263.23	0.002308	6.47	3149.70	216.85	0.30
Bell-2-Gober	45298	50-EV	17889.00	242.01	260.96		261.59	0.002400	6.37	2810.04	204.09	0.30
Bell-2-Gober	45298	25-EV	14949.00	242.01	259.17		259.74	0.002422	6.09	2455.05	191.78	0.30
Bell-2-Gober	45298	10-EV	7112.00	242.01	254.38		254.70	0.001982	4.47	1590.03	171.26	0.26
Bell-2-Gober	45298	5-EV	2452.00	242.01	248.53		248.74	0.003448	3.74	654.78	144.65	0.31
Bell-2-Gober	45298	2-EV	603.00	242.01	244.82		245.00	0.010491	3.46	174.19	108.61	0.48
Bell-2-Gober	45147	100-EV	20371.00	240.09	262.51		262.89	0.001337	4.94	4127.55	274.15	0.22
Bell-2-Gober	45147	50-EV	17889.00	240.09	260.91		261.27	0.001191	4.81	3718.12	242.62	0.22
Bell-2-Gober	45147	25-EV	14949.00	240.09	259.10		259.42	0.001141	4.54	3290.95	231.24	0.21
Bell-2-Gober	45147	10-EV	7112.00	240.09	254.30		254.46	0.000847	3.20	2225.09	214.92	0.18
Bell-2-Gober	45147	5-EV	2452.00	240.09	248.34		248.43	0.001123	2.43	1008.06	190.26	0.19
Bell-2-Gober	45147	2-EV	603.00	240.09	243.73		243.85	0.005722	2.72	221.77	125.52	0.36
Bell-2-Gober	44998	100-EV	20371.00	239.12	262.11		262.58	0.003320	5.52	3689.03	351.55	0.30
Bell-2-Gober	44998	50-EV	17889.00	239.12	260.54		261.02	0.002149	5.57	3213.81	255.73	0.28
Bell-2-Gober	44998	25-EV	14949.00	239.12	258.74		259.19	0.002029	5.38	2779.56	232.27	0.27
Bell-2-Gober	44998	10-EV	7112.00	239.12	254.06		254.30	0.001272	3.97	1791.24	179.98	0.22
Bell-2-Gober	44998	5-EV	2452.00	239.12	248.14		248.26	0.001107	2.82	869.63	133.61	0.19
Bell-2-Gober	44998	2-EV	603.00	239.12	243.19		243.27	0.002698	2.27	266.07	112.39	0.26
Bell-2-Gober	44848	100-EV	20371.00	238.00	260.70		261.78	0.008160	8.34	2441.89	217.31	0.44
Bell-2-Gober	44848	50-EV	17889.00	238.00	259.35		260.41	0.007557	8.26	2166.12	192.26	0.43
Bell-2-Gober	44848	25-EV	14949.00	238.00	257.61		258.62	0.007104	8.06	1853.91	170.31	0.43
Bell-2-Gober	44848	10-EV	7112.00	238.00	253.39		253.94	0.004640	5.93	1199.01	140.31	0.36
Bell-2-Gober	44848	5-EV	2452.00	238.00	247.72		248.01	0.002471	4.27	574.70	83.00	0.29
Bell-2-Gober	44848	2-EV	603.00	238.00	242.74		242.86	0.002607	2.83	213.42	62.66	0.27
Bell-2-Gober	44698	100-EV	20371.00	237.06	259.54		260.59	0.007636	8.23	2473.94	213.57	0.43
Bell-2-Gober	44698	50-EV	17889.00	237.06	258.34		259.34	0.006620	8.01	2233.92	186.99	0.41
Bell-2-Gober	44698	25-EV	14949.00	237.06	256.72		257.63	0.005786	7.63	1957.97	163.49	0.39
Bell-2-Gober	44698	10-EV	7112.00	237.06	252.89		253.31	0.003422	5.21	1365.17	145.56	0.30
Bell-2-Gober	44698	5-EV	2452.00	237.06	247.40		247.61	0.002599	3.67	667.58	95.23	0.24
Bell-2-Gober	44698	2-EV	603.00	237.06	242.40		242.49	0.002303	2.33	259.35	68.30	0.21
Bell-2-Gober	44548	100-EV	20371.00	236.97	258.64		259.42	0.006976	7.08	2875.58	303.94	0.41
Bell-2-Gober	44548	50-EV	17889.00	236.97	257.58		258.32	0.005930	6.93	2582.93	242.05	0.37
Bell-2-Gober	44548	25-EV	14949.00	236.97	256.17		256.83	0.004067	6.53	2288.74	194.37	0.34
Bell-2-Gober	44548	10-EV	7112.00	236.97	252.53		252.83	0.002607	4.44	1603.06	181.83	0.26
Bell-2-Gober	44548	5-EV	2452.00	236.97	247.13		247.28	0.001702	3.09	792.77	102.21	0.20
Bell-2-Gober	44548	2-EV	603.00	236.97	242.15		242.20	0.001475	1.84	327.91	84.22	0.16
Bell-2-Gober	44398	100-EV	20371.00	236.20	255.82	253.75	257.91	0.012396	11.62	1753.67	207.18	0.70
Bell-2-Gober	44398	50-EV	17889.00	236.20	254.77	253.18	256.86	0.014402	11.62	1539.87	200.46	0.74
Bell-2-Gober	44398	25-EV	14949.00	236.20	253.48	252.30	255.57	0.017582	11.62	1286.95	191.66	0.79
Bell-2-Gober	44398	10-EV	7112.00	236.20	249.69	249.63	251.70	0.033136	11.37	625.24	150.37	0.98
Bell-2-Gober	44398	5-EV	2452.00	236.20	244.65	243.89	246.47	0.023422	10.83	226.48	42.88	0.83
Bell-2-Gober	44398	2-EV	603.00	236.20	240.88		241.59	0.018963	6.76	89.23	30.00	0.69
Bell-2-Gober	44248	100-EV	20371.00	236.01	249.95	249.95	255.07	0.024448	18.15	1122.38	110.85	1.01
Bell-2-Gober	44248	50-EV	17889.00	236.01	248.99	248.99	253.79	0.025110	17.58	1017.47	107.17	1.01
Bell-2-Gober	44248	25-EV	14949.00	236.01	247.77	247.77	252.16	0.026139	16.80	889.76	102.52	1.01
Bell-2-Gober	44248	10-EV	7112.00	236.01	243.90	243.90	246.82	0.030791	13.71	518.64	89.08	1.00
Bell-2-Gober	44248	5-EV	2452.00	236.01	240.44	240.44	242.09	0.036361	10.32	237.66	71.93	1.00
Bell-2-Gober	44248	2-EV	603.00	236.01	238.80		239.14	0.013092	4.66	129.46	60.53	0.56
Bell-2-Gober	44098	100-EV	20371.00	235.16	243.47		244.89	0.014840	9.55	2133.81	328.15	0.66
Bell-2-Gober	44098	50-EV	17889.00	235.16	243.02		244.28	0.014322	9.01	1985.05	325.15	0.64
Bell-2-Gober	44098	25-EV	14949.00	235.16	242.44		243.51	0.013656	8.32	1797.10	321.63	0.62
Bell-2-Gober	44098	10-EV	7112.00	235.16	240.52		241.07	0.011336	5.97	1191.05	309.35	0.54
Bell-2-Gober	44098	5-EV	2452.00	235.16	238.77		238.98	0.008842	3.71	661.01	295.65	0.44
Bell-2-Gober	44098	2-EV	603.00	235.16	237.47		237.54	0.008063	2.11	286.13	282.85	0.37

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	43948	100-EV	20371.00	234.11	242.29	239.95	243.12	0.007931	7.32	2784.13	440.75	0.51
Bell-2-Gober	43948	50-EV	17889.00	234.11	241.82	239.61	242.57	0.007836	6.94	2577.19	438.36	0.50
Bell-2-Gober	43948	25-EV	14949.00	234.11	241.22	239.17	241.87	0.007707	6.45	2316.96	435.33	0.49
Bell-2-Gober	43948	10-EV	7112.00	234.11	239.32	237.83	239.67	0.007212	4.75	1495.70	425.77	0.45
Bell-2-Gober	43948	5-EV	2452.00	234.11	237.65	236.68	237.80	0.006782	3.09	794.79	415.98	0.39
Bell-2-Gober	43948	2-EV	603.00	234.11	236.46	235.83	236.52	0.005820	1.82	330.64	339.88	0.33
Bell-2-Gober	43798	100-EV	20371.00	232.25	241.17	238.76	241.90	0.008024	6.87	2964.65	481.69	0.49
Bell-2-Gober	43798	50-EV	17889.00	232.25	240.70	238.43	241.37	0.007965	6.53	2740.61	479.15	0.48
Bell-2-Gober	43798	25-EV	14949.00	232.25	240.11	238.03	240.69	0.007895	6.08	2458.50	475.92	0.47
Bell-2-Gober	43798	10-EV	7112.00	232.25	238.24	236.76	238.56	0.007535	4.51	1577.20	465.06	0.43
Bell-2-Gober	43798	5-EV	2452.00	232.25	236.66	235.63	236.79	0.006822	2.89	847.91	454.94	0.37
Bell-2-Gober	43798	2-EV	603.00	232.25	235.21	234.63	235.29	0.012308	2.27	266.07	314.16	0.43
Bell-2-Gober	43573	100-EV	20371.00	228.57	239.41	236.96	240.06	0.008102	6.45	3156.43	534.22	0.47
Bell-2-Gober	43573	50-EV	17889.00	228.57	238.94	236.64	239.53	0.008117	6.16	2906.27	529.94	0.46
Bell-2-Gober	43573	25-EV	14949.00	228.57	238.34	236.25	238.86	0.008183	5.77	2589.45	524.47	0.46
Bell-2-Gober	43573	10-EV	7112.00	228.57	236.36	234.90	236.68	0.009216	4.53	1570.48	505.31	0.45
Bell-2-Gober	43573	5-EV	2452.00	228.57	234.20	233.06	234.46	0.017027	4.09	599.71	343.97	0.55
Bell-2-Gober	43573	2-EV	603.00	228.57	231.54	230.59	231.81	0.019692	4.17	144.57	64.68	0.49
Bell-2-Gober	43423	100-EV	20371.00	226.06	238.16	235.62	238.80	0.008651	6.42	3175.43	577.13	0.46
Bell-2-Gober	43423	50-EV	17889.00	226.06	237.70	235.30	238.28	0.008488	6.09	2936.33	568.01	0.45
Bell-2-Gober	43423	25-EV	14949.00	226.06	237.12	234.89	237.62	0.008253	5.68	2633.76	556.38	0.44
Bell-2-Gober	43423	10-EV	7112.00	226.06	235.15	233.30	235.45	0.007244	4.35	1635.95	500.38	0.42
Bell-2-Gober	43423	5-EV	2452.00	226.06	232.52	230.25	232.77	0.007921	4.02	610.62	196.64	0.40
Bell-2-Gober	43423	2-EV	603.00	226.06	229.88	228.33	229.97	0.007963	2.51	239.92	120.97	0.31
Bell-2-Gober	43273	100-EV	20371.00	226.00	236.47	234.76	237.26	0.012072	7.16	2843.82	601.19	0.56
Bell-2-Gober	43273	50-EV	17889.00	226.00	235.99	234.45	236.74	0.012435	6.94	2577.94	590.46	0.57
Bell-2-Gober	43273	25-EV	14949.00	226.00	235.38	234.07	236.07	0.012985	6.66	2243.52	577.80	0.58
Bell-2-Gober	43273	10-EV	7112.00	226.00	233.31	232.61	233.88	0.015753	6.09	1167.21	470.04	0.68
Bell-2-Gober	43273	5-EV	2452.00	226.00	230.94	229.11	231.32	0.011846	4.93	497.16	130.60	0.45
Bell-2-Gober	43273	2-EV	603.00	226.00	228.60	227.37	228.72	0.008835	2.74	220.22	104.49	0.33
Bell-2-Gober	43123	100-EV	20371.00	224.06	235.36	232.45	235.87	0.006579	5.76	3535.91	683.09	0.41
Bell-2-Gober	43123	50-EV	17889.00	224.06	234.88	232.13	235.35	0.006445	5.50	3255.06	640.98	0.41
Bell-2-Gober	43123	25-EV	14949.00	224.06	234.27	231.73	234.68	0.006235	5.14	2905.68	614.21	0.40
Bell-2-Gober	43123	10-EV	7112.00	224.06	232.30	230.31	232.54	0.005094	3.91	1818.35	527.92	0.37
Bell-2-Gober	43123	5-EV	2452.00	224.06	230.13	227.82	230.28	0.004092	3.10	791.74	374.30	0.38
Bell-2-Gober	43123	2-EV	603.00	224.06	227.37	226.46	227.47	0.007801	2.53	238.37	143.94	0.35
Bell-2-Gober	42973	100-EV	20371.00	224.00	234.35	232.45	234.80	0.007482	5.39	3778.65	639.66	0.39
Bell-2-Gober	42973	50-EV	17889.00	224.00	233.87	232.13	234.28	0.007592	5.15	3471.57	636.02	0.39
Bell-2-Gober	42973	25-EV	14949.00	224.00	233.26	231.63	233.63	0.007760	4.84	3087.19	631.44	0.39
Bell-2-Gober	42973	10-EV	7112.00	224.00	231.35	230.17	231.57	0.008273	3.74	1902.22	603.67	0.37
Bell-2-Gober	42973	5-EV	2452.00	224.00	229.39	228.50	229.50	0.006573	2.72	901.50	384.68	0.31
Bell-2-Gober	42973	2-EV	603.00	224.00	226.65	226.71	226.71	0.003457	1.84	327.30	150.10	0.22
Bell-2-Gober	42823	100-EV	20371.00	223.75	233.27	231.16	233.70	0.007174	5.24	3887.81	627.11	0.37
Bell-2-Gober	42823	50-EV	17889.00	223.75	232.77	231.16	233.16	0.007267	5.00	3576.46	624.74	0.37
Bell-2-Gober	42823	25-EV	14949.00	223.75	232.14	230.49	232.49	0.007395	4.69	3184.22	620.44	0.37
Bell-2-Gober	42823	10-EV	7112.00	223.75	230.13	230.34	230.34	0.008195	3.64	1952.16	601.64	0.36
Bell-2-Gober	42823	5-EV	2452.00	223.75	228.33	228.43	228.43	0.007731	2.54	964.95	476.50	0.31
Bell-2-Gober	42823	2-EV	603.00	223.75	225.67	225.79	225.79	0.013638	2.78	216.64	146.61	0.40
Bell-2-Gober	42673	100-EV	20371.00	222.00	232.28	230.33	232.69	0.006204	5.11	3988.75	643.03	0.36
Bell-2-Gober	42673	50-EV	17889.00	222.00	231.76	230.14	232.14	0.006345	4.89	3656.18	639.40	0.36
Bell-2-Gober	42673	25-EV	14949.00	222.00	231.10	231.44	231.44	0.006558	4.62	3235.74	632.46	0.36
Bell-2-Gober	42673	10-EV	7112.00	222.00	228.95	229.16	229.16	0.007505	3.70	1921.37	582.60	0.36
Bell-2-Gober	42673	5-EV	2452.00	222.00	226.94	227.07	227.07	0.010662	2.91	843.48	474.85	0.38
Bell-2-Gober	42673	2-EV	603.00	222.00	224.59	224.65	224.65	0.004695	1.97	306.84	175.72	0.26
Bell-2-Gober	42523	100-EV	20371.00	221.74	231.64	231.95	231.95	0.003744	4.42	4612.68	705.05	0.30
Bell-2-Gober	42523	50-EV	17889.00	221.74	231.11	231.39	231.39	0.003752	4.22	4239.89	697.51	0.30
Bell-2-Gober	42523	25-EV	14949.00	221.74	230.43	230.68	230.68	0.003772	3.97	3769.63	687.80	0.30
Bell-2-Gober	42523	10-EV	7112.00	221.74	228.21	228.36	228.36	0.003807	3.12	2278.90	653.49	0.29
Bell-2-Gober	42523	5-EV	2452.00	221.74	226.12	226.20	226.20	0.003562	2.38	1029.64	564.40	0.31
Bell-2-Gober	42523	2-EV	603.00	221.74	224.17	224.20	224.20	0.002010	1.46	412.44	195.93	0.18
Bell-2-Gober	42373	100-EV	20371.00	221.86	231.04	231.33	231.33	0.004517	4.29	4744.71	766.19	0.30
Bell-2-Gober	42373	50-EV	17889.00	221.86	230.50	230.76	230.76	0.004619	4.13	4331.78	755.79	0.30
Bell-2-Gober	42373	25-EV	14949.00	221.86	229.80	230.04	230.04	0.004836	3.92	3808.83	742.37	0.31
Bell-2-Gober	42373	10-EV	7112.00	221.86	227.44	227.62	227.62	0.006738	3.34	2126.37	676.42	0.33
Bell-2-Gober	42373	5-EV	2452.00	221.86	225.30	225.41	225.41	0.008519	2.71	906.14	473.62	0.34
Bell-2-Gober	42373	2-EV	603.00	221.86	223.47	223.58	223.58	0.012405	2.57	234.88	176.71	0.39
Bell-2-Gober	42223	100-EV	20371.00	220.00	230.43	230.73	230.73	0.003488	4.37	4657.77	781.95	0.32
Bell-2-Gober	42223	50-EV	17889.00	220.00	229.87	230.15	230.15	0.003580	4.24	4221.45	773.50	0.32
Bell-2-Gober	42223	25-EV	14949.00	220.00	229.14	229.40	229.40	0.003761	4.09	3658.11	758.01	0.33

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	42223	10-EV	7112.00	220.00	226.55		226.76	0.004836	3.64	1954.07	539.78	0.34
Bell-2-Gober	42223	5-EV	2452.00	220.00	224.43		224.53	0.004307	2.58	951.65	423.41	0.30
Bell-2-Gober	42223	2-EV	603.00	220.00	222.78		222.82	0.002610	1.61	374.06	198.40	0.21
Bell-2-Gober	42073	100-EV	20371.00	220.00	229.86		230.15	0.004274	4.29	4745.24	771.74	0.31
Bell-2-Gober	42073	50-EV	17889.00	220.00	229.28		229.55	0.004453	4.16	4301.15	757.88	0.31
Bell-2-Gober	42073	25-EV	14949.00	220.00	228.50		228.76	0.004868	4.02	3718.17	739.44	0.32
Bell-2-Gober	42073	10-EV	7112.00	220.00	225.75		225.96	0.005914	3.68	1935.09	513.03	0.33
Bell-2-Gober	42073	5-EV	2452.00	220.00	223.73		223.82	0.005143	2.50	979.88	418.76	0.29
Bell-2-Gober	42073	2-EV	603.00	220.00	222.34		222.37	0.003449	1.37	440.06	327.14	0.21
Bell-2-Gober	41923	100-EV	20371.00	219.24	229.28		229.55	0.003714	4.20	4846.73	753.21	0.29
Bell-2-Gober	41923	50-EV	17889.00	219.24	228.67		228.93	0.003896	4.07	4390.36	746.78	0.30
Bell-2-Gober	41923	25-EV	14949.00	219.24	227.82		228.06	0.004386	3.97	3761.38	727.34	0.31
Bell-2-Gober	41923	10-EV	7112.00	219.24	224.48		224.79	0.010609	4.47	1592.08	553.58	0.46
Bell-2-Gober	41923	5-EV	2452.00	219.24	221.84		222.19	0.034422	4.74	516.83	362.32	0.70
Bell-2-Gober	41923	2-EV	603.00	219.24	220.58	220.58	220.90	0.084886	4.56	132.19	210.14	1.01
Bell-2-Gober	41773	100-EV	20371.00	218.00	229.02		229.18	0.001502	3.28	6218.12	797.46	0.21
Bell-2-Gober	41773	50-EV	17889.00	218.00	228.41		228.56	0.001459	3.11	5757.62	732.66	0.20
Bell-2-Gober	41773	25-EV	14949.00	218.00	227.55		227.68	0.001440	2.91	5138.98	710.57	0.19
Bell-2-Gober	41773	10-EV	7112.00	218.00	224.04		224.14	0.001992	2.58	2760.66	629.71	0.22
Bell-2-Gober	41773	5-EV	2452.00	218.00	221.07		221.14	0.002625	2.05	1198.31	413.46	0.21
Bell-2-Gober	41773	2-EV	603.00	218.00	219.56		219.57	0.001604	1.03	587.39	395.16	0.15
Bell-2-Gober	41623	100-EV	20371.00	217.94	228.80		228.96	0.001470	3.14	6494.58	910.21	0.21
Bell-2-Gober	41623	50-EV	17889.00	217.94	228.20		228.34	0.001441	3.01	5947.01	896.36	0.21
Bell-2-Gober	41623	25-EV	14949.00	217.94	227.34		227.46	0.001443	2.86	5228.52	748.62	0.19
Bell-2-Gober	41623	10-EV	7112.00	217.94	223.72		223.83	0.002258	2.63	2706.62	629.80	0.22
Bell-2-Gober	41623	5-EV	2452.00	217.94	220.51		220.60	0.004992	2.45	999.80	447.62	0.29
Bell-2-Gober	41623	2-EV	603.00	217.94	219.21		219.23	0.003501	1.31	461.61	396.20	0.21
Bell-2-Gober	41473	100-EV	20371.00	216.94	228.63		228.77	0.001010	3.03	6712.30	858.93	0.19
Bell-2-Gober	41473	50-EV	17889.00	216.94	228.03		228.16	0.000970	2.88	6201.55	844.08	0.19
Bell-2-Gober	41473	25-EV	14949.00	216.94	227.17		227.29	0.000946	2.72	5496.75	793.69	0.18
Bell-2-Gober	41473	10-EV	7112.00	216.94	223.49		223.57	0.001266	2.36	3017.57	615.47	0.19
Bell-2-Gober	41473	5-EV	2452.00	216.94	219.73		219.84	0.005204	2.66	923.48	462.54	0.33
Bell-2-Gober	41473	2-EV	603.00	216.94	218.20		218.27	0.015408	2.18	276.88	403.31	0.46
Bell-2-Gober	41323	100-EV	20371.00	216.00	228.44		228.58	0.001632	3.03	6722.39	790.98	0.18
Bell-2-Gober	41323	50-EV	17889.00	216.00	227.85		227.98	0.001516	2.86	6262.93	767.63	0.18
Bell-2-Gober	41323	25-EV	14949.00	216.00	227.01		227.12	0.001338	2.65	5635.95	717.50	0.17
Bell-2-Gober	41323	10-EV	7112.00	216.00	223.32		223.39	0.001075	2.07	3438.54	556.18	0.15
Bell-2-Gober	41323	5-EV	2452.00	216.00	219.36		219.40	0.001735	1.69	1448.32	463.92	0.17
Bell-2-Gober	41323	2-EV	603.00	216.00	217.19		217.22	0.003953	1.28	469.75	427.91	0.22
Bell-2-Gober	41173	100-EV	20371.00	214.15	228.20		228.34	0.001515	3.02	6741.28	733.90	0.18
Bell-2-Gober	41173	50-EV	17889.00	214.15	227.64		227.76	0.001333	2.82	6335.81	702.03	0.17
Bell-2-Gober	41173	25-EV	14949.00	214.15	226.83		226.93	0.001100	2.58	5788.23	649.45	0.15
Bell-2-Gober	41173	10-EV	7112.00	214.15	223.20		223.25	0.000774	1.90	3752.19	512.15	0.12
Bell-2-Gober	41173	5-EV	2452.00	214.15	219.16		219.19	0.001111	1.41	1741.10	486.73	0.13
Bell-2-Gober	41173	2-EV	603.00	214.15	216.30		216.34	0.009520	1.59	380.27	448.54	0.30
Bell-2-Gober	41024	100-EV	20371.00	214.00	228.12		228.20	0.000519	2.31	8815.66	740.06	0.12
Bell-2-Gober	41024	50-EV	17889.00	214.00	227.57		227.64	0.000456	2.13	8412.06	722.05	0.11
Bell-2-Gober	41024	25-EV	14949.00	214.00	226.77		226.83	0.000386	1.91	7845.45	699.61	0.10
Bell-2-Gober	41024	10-EV	7112.00	214.00	223.15		223.18	0.000283	1.32	5392.29	664.42	0.08
Bell-2-Gober	41024	5-EV	2452.00	214.00	219.10		219.11	0.000302	0.89	2748.87	639.61	0.08
Bell-2-Gober	41024	2-EV	603.00	214.00	215.67		215.68	0.002538	1.01	599.09	564.35	0.17
Bell-2-Gober	40873	100-EV	20371.00	212.35	228.08		228.13	0.000329	1.92	10583.76	799.24	0.09
Bell-2-Gober	40873	50-EV	17889.00	212.35	227.53		227.58	0.000288	1.76	10149.28	788.79	0.09
Bell-2-Gober	40873	25-EV	14949.00	212.35	226.74		226.78	0.000243	1.57	9530.60	775.58	0.08
Bell-2-Gober	40873	10-EV	7112.00	212.35	223.13		223.14	0.000160	1.05	6792.84	743.81	0.06
Bell-2-Gober	40873	5-EV	2452.00	212.35	219.07		219.08	0.000125	0.64	3818.19	723.89	0.05
Bell-2-Gober	40873	2-EV	603.00	212.35	215.59		215.59	0.000239	0.45	1336.50	700.32	0.06
Bell-2-Gober	40723	100-EV	20371.00	211.62	228.05	215.70	228.09	0.000207	1.74	11720.81	889.25	0.08
Bell-2-Gober	40723	50-EV	17889.00	211.62	227.50	215.45	227.54	0.000181	1.59	11241.84	872.36	0.08
Bell-2-Gober	40723	25-EV	14949.00	211.62	226.71	215.15	226.75	0.000153	1.41	10565.16	846.30	0.07
Bell-2-Gober	40723	10-EV	7112.00	211.62	223.11	214.18	223.12	0.000093	0.93	7679.92	771.81	0.05
Bell-2-Gober	40723	5-EV	2452.00	211.62	219.06	213.14	219.07	0.000057	0.53	4603.29	749.36	0.04
Bell-2-Gober	40723	2-EV	603.00	211.62	215.58	212.40	215.58	0.000047	0.30	2023.89	726.79	0.03
Bell-2-Gober	40573	100-EV	20371.00	211.53	228.01	215.47	228.06	0.000248	1.79	11398.52	847.68	0.09
Bell-2-Gober	40573	50-EV	17889.00	211.53	227.47	215.22	227.51	0.000214	1.63	10946.41	831.22	0.08
Bell-2-Gober	40573	25-EV	14949.00	211.53	226.69	214.91	226.72	0.000177	1.45	10305.79	807.33	0.07
Bell-2-Gober	40573	10-EV	7112.00	211.53	223.10	213.85	223.11	0.000101	0.94	7539.63	743.28	0.05
Bell-2-Gober	40573	5-EV	2452.00	211.53	219.05	212.91	219.06	0.000059	0.53	4593.51	716.23	0.04
Bell-2-Gober	40573	2-EV	603.00	211.53	215.57	212.27	215.57	0.000043	0.28	2137.62	692.19	0.03

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Bell-2-Gober	40423	100-EV	20371.00	211.96	227.95		228.01	0.000397	2.04	9996.37	827.08	0.10
Bell-2-Gober	40423	50-EV	17889.00	211.96	227.42		227.47	0.000348	1.87	9561.68	812.10	0.10
Bell-2-Gober	40423	25-EV	14949.00	211.96	226.64		226.69	0.000292	1.67	8944.03	786.23	0.09
Bell-2-Gober	40423	10-EV	7112.00	211.96	223.07		223.09	0.000157	1.11	6427.82	659.47	0.06
Bell-2-Gober	40423	5-EV	2452.00	211.96	219.04		219.05	0.000093	0.64	3858.34	618.93	0.04
Bell-2-Gober	40423	2-EV	603.00	211.96	215.56		215.57	0.000060	0.33	1806.30	561.77	0.03
Bell-2-Gober	40273	100-EV	20371.00	212.00	227.09		227.77	0.015942	6.64	3067.12	839.84	0.61
Bell-2-Gober	40273	50-EV	17889.00	212.00	226.49		227.24	0.020846	6.95	2574.69	806.02	0.69
Bell-2-Gober	40273	25-EV	14949.00	212.00	225.49		226.45	0.024588	7.86	1902.04	546.42	0.74
Bell-2-Gober	40273	10-EV	7112.00	212.00	221.99		222.93	0.007454	7.74	918.40	127.57	0.51
Bell-2-Gober	40273	5-EV	2452.00	212.00	218.65		218.97	0.003784	4.56	537.89	101.99	0.35
Bell-2-Gober	40273	2-EV	603.00	212.00	215.43		215.53	0.002649	2.53	238.02	84.18	0.27
Bell-2-Gober	40123	100-EV	20371.00	212.00	225.68		226.46	0.005443	7.09	2872.41	470.29	0.51
Bell-2-Gober	40123	50-EV	17889.00	212.00	225.12		225.84	0.005181	6.82	2621.58	430.14	0.49
Bell-2-Gober	40123	25-EV	14949.00	212.00	224.24		224.92	0.005117	6.59	2268.06	373.83	0.47
Bell-2-Gober	40123	10-EV	7112.00	212.00	221.57		221.97	0.003951	5.10	1393.51	282.76	0.41
Bell-2-Gober	40123	5-EV	2452.00	212.00	218.11		218.36	0.004062	4.02	609.89	173.36	0.38
Bell-2-Gober	40123	2-EV	603.00	212.00	215.08		215.16	0.002177	2.22	271.65	101.25	0.24
Bell-2-Gober	39973	100-EV	20371.00	212.00	224.99		225.62	0.005190	6.36	3203.21	597.39	0.48
Bell-2-Gober	39973	50-EV	17889.00	212.00	224.44		225.04	0.005099	6.20	2885.17	559.09	0.48
Bell-2-Gober	39973	25-EV	14949.00	212.00	223.53		224.11	0.005254	6.13	2436.99	433.39	0.46
Bell-2-Gober	39973	10-EV	7112.00	212.00	220.98		221.32	0.004524	4.71	1508.48	322.34	0.38
Bell-2-Gober	39973	5-EV	2452.00	212.00	217.47		217.74	0.004277	4.15	591.24	175.57	0.40
Bell-2-Gober	39973	2-EV	603.00	212.00	214.63		214.73	0.003877	2.61	231.28	104.79	0.31
Gober-2-Chiq	39524	100-EV	20348.00	210.00	223.02		223.37	0.004454	4.74	4290.95	762.11	0.35
Gober-2-Chiq	39524	50-EV	17869.00	210.00	222.43		222.77	0.004652	4.64	3850.12	729.82	0.36
Gober-2-Chiq	39524	25-EV	14932.00	210.00	221.50		221.83	0.004585	4.64	3219.85	596.42	0.35
Gober-2-Chiq	39524	10-EV	7068.00	210.00	218.81		219.05	0.005517	3.94	1793.34	477.86	0.36
Gober-2-Chiq	39524	5-EV	2559.00	210.00	215.38		215.59	0.005276	3.64	702.93	217.41	0.36
Gober-2-Chiq	39524	2-EV	657.00	210.00	212.56		212.68	0.005395	2.77	237.51	120.52	0.35
Gober-2-Chiq	39298	100-EV	21742.00	208.00	221.28		221.98	0.008423	6.67	3260.10	549.48	0.48
Gober-2-Chiq	39298	50-EV	19095.00	208.00	220.64		221.31	0.008842	6.55	2914.09	524.76	0.49
Gober-2-Chiq	39298	25-EV	15912.00	208.00	219.83		220.45	0.008023	6.31	2523.50	440.40	0.46
Gober-2-Chiq	39298	10-EV	7413.00	208.00	217.48		217.81	0.005412	4.62	1602.91	319.37	0.36
Gober-2-Chiq	39298	5-EV	2767.00	208.00	214.45		214.64	0.003419	3.54	781.77	195.25	0.31
Gober-2-Chiq	39298	2-EV	722.00	208.00	211.93		212.00	0.001919	1.99	362.51	145.05	0.22
Gober-2-Chiq	39147	100-EV	21742.00	208.00	219.78		220.55	0.010666	7.03	3094.83	517.19	0.51
Gober-2-Chiq	39147	50-EV	19095.00	208.00	218.99		219.76	0.011858	7.08	2697.92	485.38	0.53
Gober-2-Chiq	39147	25-EV	15912.00	208.00	218.33		219.02	0.011358	6.67	2387.37	457.71	0.51
Gober-2-Chiq	39147	10-EV	7413.00	208.00	216.29		216.68	0.010965	5.02	1477.38	432.36	0.48
Gober-2-Chiq	39147	5-EV	2767.00	208.00	213.58		213.87	0.008314	4.33	639.62	225.78	0.45
Gober-2-Chiq	39147	2-EV	722.00	208.00	211.37		211.50	0.006535	2.94	245.18	136.96	0.39
Gober-2-Chiq	38998	100-EV	21742.00	208.00	218.47		218.95	0.009617	5.54	3924.33	867.43	0.46
Gober-2-Chiq	38998	50-EV	19095.00	208.00	217.77		218.26	0.007755	5.63	3393.38	614.58	0.42
Gober-2-Chiq	38998	25-EV	15912.00	208.00	217.06		217.50	0.008271	5.37	2960.68	603.55	0.43
Gober-2-Chiq	38998	10-EV	7413.00	208.00	214.88		215.18	0.008888	4.35	1704.59	526.72	0.43
Gober-2-Chiq	38998	5-EV	2767.00	208.00	212.12		212.41	0.011649	4.31	641.43	266.91	0.49
Gober-2-Chiq	38998	2-EV	722.00	208.00	210.09		210.24	0.011272	3.16	228.76	154.30	0.46
Gober-2-Chiq	38848	100-EV	21742.00	206.00	217.59		217.89	0.004944	4.43	4912.84	922.32	0.34
Gober-2-Chiq	38848	50-EV	19095.00	206.00	216.96		217.26	0.005238	4.39	4350.59	863.19	0.34
Gober-2-Chiq	38848	25-EV	15912.00	206.00	216.23		216.50	0.005018	4.23	3757.73	760.56	0.34
Gober-2-Chiq	38848	10-EV	7413.00	206.00	213.93		214.12	0.005411	3.48	2130.35	624.50	0.33
Gober-2-Chiq	38848	5-EV	2767.00	206.00	210.86		211.06	0.006903	3.58	772.98	296.53	0.39
Gober-2-Chiq	38848	2-EV	722.00	206.00	208.20		208.38	0.013743	3.44	210.01	162.48	0.53
Gober-2-Chiq	38665	100-EV	21742.00	204.00	216.52		216.91	0.005701	5.03	4323.85	765.37	0.37
Gober-2-Chiq	38665	50-EV	19095.00	204.00	215.89		216.27	0.005505	4.95	3859.85	689.05	0.37
Gober-2-Chiq	38665	25-EV	15912.00	204.00	215.14		215.49	0.005996	4.75	3352.10	681.52	0.38
Gober-2-Chiq	38665	10-EV	7413.00	204.00	212.65		212.93	0.007854	4.22	1755.32	554.15	0.42
Gober-2-Chiq	38665	5-EV	2767.00	204.00	209.91		210.09	0.004121	3.39	815.37	247.77	0.33
Gober-2-Chiq	38665	2-EV	722.00	204.00	207.48		207.56	0.002102	2.20	328.21	121.24	0.24
Gober-2-Chiq	38398	100-EV	21742.00	204.00	215.49		215.85	0.002882	4.77	4559.80	756.62	0.34
Gober-2-Chiq	38398	50-EV	19095.00	204.00	214.86		215.20	0.002968	4.67	4090.14	727.32	0.35
Gober-2-Chiq	38398	25-EV	15912.00	204.00	214.05		214.37	0.003072	4.53	3515.38	694.42	0.35
Gober-2-Chiq	38398	10-EV	7413.00	204.00	211.35		211.61	0.003356	4.07	1822.40	427.39	0.35
Gober-2-Chiq	38398	5-EV	2767.00	204.00	208.67		208.85	0.005282	3.40	814.34	329.40	0.38
Gober-2-Chiq	38398	2-EV	722.00	204.00	206.51		206.62	0.006970	2.57	281.10	202.39	0.38
Gober-2-Chiq	38173	100-EV	21742.00	202.00	214.61		215.08	0.003926	5.49	3958.95	668.06	0.40
Gober-2-Chiq	38173	50-EV	19095.00	202.00	213.95		214.41	0.004105	5.42	3520.80	607.97	0.40
Gober-2-Chiq	38173	25-EV	15912.00	202.00	213.11		213.54	0.004386	5.27	3017.88	593.07	0.41
Gober-2-Chiq	38173	10-EV	7413.00	202.00	210.21		210.63	0.005664	5.18	1429.74	395.56	0.48

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Gober-2-Chiq	38173	5-EV	2767.00	202.00	207.30		207.58	0.005869	4.28	646.40	189.71	0.41
Gober-2-Chiq	38173	2-EV	722.00	202.00	204.99		205.12	0.006379	2.82	255.92	149.75	0.38
Gober-2-Chiq	38023	100-EV	21742.00	202.00	213.94		214.48	0.004078	5.86	3707.91	573.36	0.41
Gober-2-Chiq	38023	50-EV	19095.00	202.00	213.27		213.78	0.004218	5.75	3323.73	559.50	0.42
Gober-2-Chiq	38023	25-EV	15912.00	202.00	212.39		212.88	0.004424	5.61	2837.86	544.52	0.43
Gober-2-Chiq	38023	10-EV	7413.00	202.00	209.44		209.87	0.004574	5.26	1408.86	301.37	0.43
Gober-2-Chiq	38023	5-EV	2767.00	202.00	206.62		206.85	0.004034	3.80	728.73	193.05	0.34
Gober-2-Chiq	38023	2-EV	722.00	202.00	204.04		204.15	0.006503	2.65	272.40	165.83	0.36
Gober-2-Chiq	37873	100-EV	21742.00	200.00	213.26		213.84	0.004290	6.12	3552.98	482.67	0.40
Gober-2-Chiq	37873	50-EV	19095.00	200.00	212.60		213.14	0.004272	5.90	3236.04	468.82	0.40
Gober-2-Chiq	37873	25-EV	15912.00	200.00	211.73		212.22	0.004245	5.61	2836.15	459.61	0.40
Gober-2-Chiq	37873	10-EV	7413.00	200.00	208.87		209.22	0.003840	4.71	1575.24	409.34	0.42
Gober-2-Chiq	37873	5-EV	2767.00	200.00	206.18		206.35	0.002604	3.29	841.26	202.98	0.28
Gober-2-Chiq	37873	2-EV	722.00	200.00	203.60		203.65	0.001907	1.86	388.51	154.47	0.21
Gober-2-Chiq	37722	100-EV	21742.00	200.00	212.62		213.19	0.004377	6.08	3577.74	517.06	0.41
Gober-2-Chiq	37722	50-EV	19095.00	200.00	211.95		212.49	0.004310	5.88	3245.90	482.33	0.40
Gober-2-Chiq	37722	25-EV	15912.00	200.00	211.10		211.58	0.004223	5.60	2843.74	461.67	0.40
Gober-2-Chiq	37722	10-EV	7413.00	200.00	208.28		208.62	0.004102	4.66	1589.07	428.27	0.43
Gober-2-Chiq	37722	5-EV	2767.00	200.00	205.70		205.90	0.003296	3.58	773.30	211.87	0.33
Gober-2-Chiq	37722	2-EV	722.00	200.00	203.23		203.31	0.002736	2.21	326.26	148.59	0.26
Gober-2-Chiq	37498	100-EV	21742.00	200.00	211.84		212.27	0.003505	5.26	4134.65	509.56	0.33
Gober-2-Chiq	37498	50-EV	19095.00	200.00	211.18		211.57	0.003529	5.03	3799.95	505.52	0.32
Gober-2-Chiq	37498	25-EV	15912.00	200.00	210.32		210.67	0.003582	4.72	3369.52	499.56	0.32
Gober-2-Chiq	37498	10-EV	7413.00	200.00	207.35		207.58	0.004864	3.88	1909.23	483.08	0.34
Gober-2-Chiq	37498	5-EV	2767.00	200.00	204.87		205.03	0.004507	3.15	879.41	320.32	0.33
Gober-2-Chiq	37498	2-EV	722.00	200.00	202.45		202.54	0.004282	2.41	299.53	164.88	0.32
Gober-2-Chiq	37185	100-EV	21742.00	198.00	210.55		210.95	0.005118	5.11	4258.62	457.28	0.29
Gober-2-Chiq	37185	50-EV	19095.00	198.00	209.91		210.27	0.004952	4.81	3967.80	452.66	0.29
Gober-2-Chiq	37185	25-EV	15912.00	198.00	209.08		209.38	0.004718	4.43	3595.59	443.50	0.27
Gober-2-Chiq	37185	10-EV	7413.00	198.00	205.81		205.99	0.005277	3.40	2180.00	426.83	0.27
Gober-2-Chiq	37185	5-EV	2767.00	198.00	203.20		203.30	0.006859	2.55	1086.49	392.17	0.27
Gober-2-Chiq	37185	2-EV	722.00	198.00	201.13		201.17	0.004502	1.66	434.67	201.76	0.20
Gober-2-Chiq	37081	100-EV	21742.00	197.94	209.91		210.40	0.005271	5.63	3859.00	425.53	0.33
Gober-2-Chiq	37081	50-EV	19095.00	197.94	209.30		209.74	0.005074	5.30	3600.91	423.67	0.32
Gober-2-Chiq	37081	25-EV	15912.00	197.94	208.51		208.88	0.004817	4.87	3266.42	421.26	0.31
Gober-2-Chiq	37081	10-EV	7413.00	197.94	205.17		205.41	0.005722	3.92	1889.60	386.78	0.31
Gober-2-Chiq	37081	5-EV	2767.00	197.94	202.37		202.52	0.008185	3.06	904.67	337.04	0.33
Gober-2-Chiq	37081	2-EV	722.00	197.94	200.34		200.42	0.012961	2.25	320.99	226.98	0.33
Gober-2-Chiq	36981	100-EV	21742.00	196.00	209.22		209.82	0.006304	6.18	3515.98	448.19	0.39
Gober-2-Chiq	36981	50-EV	19095.00	196.00	208.64		209.17	0.006104	5.87	3254.58	446.24	0.38
Gober-2-Chiq	36981	25-EV	15912.00	196.00	207.88		208.34	0.005799	5.46	2916.91	442.08	0.37
Gober-2-Chiq	36981	10-EV	7413.00	196.00	204.50		204.81	0.006213	4.44	1670.68	293.28	0.33
Gober-2-Chiq	36981	5-EV	2767.00	196.00	201.51		201.69	0.008236	3.42	809.71	267.58	0.35
Gober-2-Chiq	36981	2-EV	722.00	196.00	199.41		199.49	0.007089	2.30	314.39	178.71	0.31
Gober-2-Chiq	36880	100-EV	21742.00	196.00	208.50		209.14	0.007081	6.44	3373.66	473.61	0.43
Gober-2-Chiq	36880	50-EV	19095.00	196.00	207.91		208.50	0.007197	6.16	3097.66	472.18	0.42
Gober-2-Chiq	36880	25-EV	15912.00	196.00	207.15		207.68	0.007446	5.81	2740.10	470.32	0.42
Gober-2-Chiq	36880	10-EV	7413.00	196.00	203.73		204.16	0.006411	5.29	1402.40	240.23	0.39
Gober-2-Chiq	36880	5-EV	2767.00	196.00	200.78		200.99	0.005924	3.72	744.53	212.71	0.35
Gober-2-Chiq	36880	2-EV	722.00	196.00	198.81		198.88	0.005195	2.15	335.21	201.27	0.29
Gober-2-Chiq	36780	100-EV	21742.00	196.00	207.81		208.45	0.006774	6.40	3397.46	500.36	0.43
Gober-2-Chiq	36780	50-EV	19095.00	196.00	207.19		207.79	0.007112	6.18	3089.55	498.86	0.44
Gober-2-Chiq	36780	25-EV	15912.00	196.00	206.36		206.91	0.007933	5.95	2672.36	496.84	0.45
Gober-2-Chiq	36780	10-EV	7413.00	196.00	202.98		203.47	0.007246	5.65	1312.02	275.23	0.46
Gober-2-Chiq	36780	5-EV	2767.00	196.00	200.18		200.43	0.005206	4.02	688.47	201.80	0.38
Gober-2-Chiq	36780	2-EV	722.00	196.00	198.33		198.41	0.004325	2.25	320.25	195.35	0.31
Gober-2-Chiq	36680	100-EV	21742.00	195.82	207.14		207.85	0.005040	6.79	3201.71	476.26	0.46
Gober-2-Chiq	36680	50-EV	19095.00	195.82	206.51		207.18	0.005040	6.58	2903.34	474.37	0.47
Gober-2-Chiq	36680	25-EV	15912.00	195.82	205.62		206.26	0.005197	6.41	2483.15	471.72	0.49
Gober-2-Chiq	36680	10-EV	7413.00	195.82	202.19		202.77	0.006566	6.10	1215.06	266.36	0.50
Gober-2-Chiq	36680	5-EV	2767.00	195.82	199.60		199.87	0.006008	4.17	663.49	204.75	0.41
Gober-2-Chiq	36680	2-EV	722.00	195.82	197.86		197.94	0.004869	2.31	311.93	199.95	0.33
Gober-2-Chiq	36579	100-EV	21742.00	195.56	206.54		207.21	0.007983	6.58	3304.88	518.07	0.46
Gober-2-Chiq	36579	50-EV	19095.00	195.56	205.90		206.54	0.007994	6.40	2981.56	488.10	0.46
Gober-2-Chiq	36579	25-EV	15912.00	195.56	204.95		205.57	0.009384	6.31	2521.31	477.01	0.48
Gober-2-Chiq	36579	10-EV	7413.00	195.56	201.51		202.02	0.008220	5.72	1295.42	275.75	0.47
Gober-2-Chiq	36579	5-EV	2767.00	195.56	198.95		199.22	0.006993	4.17	663.11	223.49	0.43
Gober-2-Chiq	36579	2-EV	722.00	195.56	197.24		197.34	0.007491	2.53	285.76	218.03	0.39
Gober-2-Chiq	36478	100-EV	21742.00	194.00	205.70		206.31	0.009633	6.23	3491.28	647.42	0.47

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Gober-2-Chiq	36478	50-EV	19095.00	194.00	204.93		205.56	0.011908	6.37	2996.10	636.22	0.52
Gober-2-Chiq	36478	25-EV	15912.00	194.00	203.94		204.64	0.008932	6.67	2384.81	412.48	0.49
Gober-2-Chiq	36478	10-EV	7413.00	194.00	200.73		201.23	0.007399	5.66	1310.13	261.56	0.45
Gober-2-Chiq	36478	5-EV	2767.00	194.00	198.25		198.50	0.007134	4.03	685.93	235.18	0.42
Gober-2-Chiq	36478	2-EV	722.00	194.00	196.57		196.65	0.006094	2.38	303.93	208.65	0.35
Gober-2-Chiq	36375	100-EV	21742.00	194.00	204.25		205.04	0.015634	7.12	3051.86	675.14	0.59
Gober-2-Chiq	36375	50-EV	19095.00	194.00	203.53		204.33	0.011673	7.17	2661.91	472.96	0.53
Gober-2-Chiq	36375	25-EV	15912.00	194.00	202.84		203.56	0.012244	6.81	2337.26	466.15	0.54
Gober-2-Chiq	36375	10-EV	7413.00	194.00	199.87		200.40	0.008753	5.80	1277.34	261.79	0.46
Gober-2-Chiq	36375	5-EV	2767.00	194.00	197.42		197.69	0.008574	4.18	661.22	230.94	0.44
Gober-2-Chiq	36375	2-EV	722.00	194.00	195.43		195.60	0.020185	3.33	216.90	209.73	0.58
Gober-2-Chiq	36277	100-EV	21742.00	192.00	203.30		204.09	0.006597	7.15	3042.73	623.73	0.57
Gober-2-Chiq	36277	50-EV	19095.00	192.00	202.70		203.48	0.006623	7.08	2697.83	568.94	0.57
Gober-2-Chiq	36277	25-EV	15912.00	192.00	201.97		202.72	0.006348	6.94	2291.47	390.48	0.51
Gober-2-Chiq	36277	10-EV	7413.00	192.00	199.29		199.73	0.005060	5.32	1393.15	281.00	0.42
Gober-2-Chiq	36277	5-EV	2767.00	192.00	196.98		197.16	0.003445	3.41	810.78	232.12	0.32
Gober-2-Chiq	36277	2-EV	722.00	192.00	195.05		195.10	0.002074	1.82	396.49	200.71	0.23
Gober-2-Chiq	36174	100-EV	21742.00	191.99	202.75		203.37	0.006328	6.34	3431.02	836.69	0.55
Gober-2-Chiq	36174	50-EV	19095.00	191.99	202.12		202.77	0.006470	6.48	2944.79	638.68	0.53
Gober-2-Chiq	36174	25-EV	15912.00	191.99	201.40		202.02	0.006409	6.31	2520.43	574.88	0.53
Gober-2-Chiq	36174	10-EV	7413.00	191.99	198.76		199.16	0.005879	5.07	1462.36	335.39	0.43
Gober-2-Chiq	36174	5-EV	2767.00	191.99	196.55		196.74	0.004847	3.47	796.90	266.03	0.35
Gober-2-Chiq	36174	2-EV	722.00	191.99	194.69		194.77	0.005467	2.23	324.26	248.27	0.34
Gober-2-Chiq	36073	100-EV	21742.00	192.00	202.19		202.66	0.006825	5.50	3954.49	937.37	0.47
Gober-2-Chiq	36073	50-EV	19095.00	192.00	201.56		202.04	0.006974	5.56	3431.76	751.01	0.46
Gober-2-Chiq	36073	25-EV	15912.00	192.00	200.82		201.29	0.007269	5.48	2901.69	688.63	0.47
Gober-2-Chiq	36073	10-EV	7413.00	192.00	198.20		198.51	0.006397	4.48	1653.20	380.01	0.38
Gober-2-Chiq	36073	5-EV	2767.00	192.00	196.11		196.25	0.004674	3.02	915.98	346.51	0.33
Gober-2-Chiq	36073	2-EV	722.00	192.00	194.25		194.31	0.003776	1.95	369.63	288.60	0.30
Gober-2-Chiq	35973	100-EV	21742.00	191.10	201.46		201.98	0.006644	5.80	3746.70	719.90	0.45
Gober-2-Chiq	35973	50-EV	19095.00	191.10	200.82		201.34	0.006934	5.78	3303.79	650.66	0.45
Gober-2-Chiq	35973	25-EV	15912.00	191.10	200.08		200.57	0.007103	5.60	2838.97	605.66	0.46
Gober-2-Chiq	35973	10-EV	7413.00	191.10	197.54		197.87	0.006475	4.56	1623.89	377.36	0.39
Gober-2-Chiq	35973	5-EV	2767.00	191.10	195.59		195.74	0.005623	3.11	890.56	371.71	0.35
Gober-2-Chiq	35973	2-EV	722.00	191.10	193.72		193.83	0.006234	2.67	270.51	185.12	0.39
Gober-2-Chiq	35865	100-EV	21742.00	190.00	200.58	197.21	201.22	0.007243	6.41	3390.56	590.36	0.42
Gober-2-Chiq	35865	50-EV	19095.00	190.00	199.97	196.83	200.56	0.007433	6.15	3104.63	479.71	0.42
Gober-2-Chiq	35865	25-EV	15912.00	190.00	199.27	196.33	199.78	0.007362	5.72	2783.06	460.94	0.41
Gober-2-Chiq	35865	10-EV	7413.00	190.00	196.78	194.80	197.09	0.007920	4.45	1666.42	422.54	0.39
Gober-2-Chiq	35865	5-EV	2767.00	190.00	194.89	193.26	195.03	0.007510	3.06	905.54	387.00	0.35
Gober-2-Chiq	35865	2-EV	722.00	190.00	193.13	191.51	193.20	0.005112	2.06	351.34	222.71	0.29
Gober-2-Chiq	35758	100-EV	21742.00	189.44	199.40	196.53	200.22	0.012031	7.27	2988.65	581.41	0.53
Gober-2-Chiq	35758	50-EV	19095.00	189.44	198.70	196.14	199.51	0.012750	7.24	2639.09	516.44	0.54
Gober-2-Chiq	35758	25-EV	15912.00	189.44	198.02	195.63	198.75	0.012705	6.85	2322.31	468.97	0.53
Gober-2-Chiq	35758	10-EV	7413.00	189.44	195.74	194.08	196.14	0.009858	5.04	1470.17	371.13	0.45
Gober-2-Chiq	35758	5-EV	2767.00	189.44	193.96	192.77	194.14	0.009407	3.41	812.08	359.10	0.40
Gober-2-Chiq	35758	2-EV	722.00	189.44	192.07	190.90	192.22	0.020451	3.11	231.91	211.32	0.52
Gober-2-Chiq	35661	100-EV	21742.00	188.00	198.37	195.43	199.13	0.010184	7.00	3104.57	563.14	0.50
Gober-2-Chiq	35661	50-EV	19095.00	188.00	197.72	195.06	198.45	0.009086	6.84	2791.22	467.48	0.48
Gober-2-Chiq	35661	25-EV	15912.00	188.00	197.08	194.58	197.70	0.008716	6.34	2509.72	437.10	0.46
Gober-2-Chiq	35661	10-EV	7413.00	188.00	194.97	193.12	195.29	0.007451	4.55	1629.16	409.46	0.40
Gober-2-Chiq	35661	5-EV	2767.00	188.00	193.22	191.44	193.36	0.006770	3.01	920.68	401.75	0.35
Gober-2-Chiq	35661	2-EV	722.00	188.00	191.20	189.79	191.28	0.005414	2.39	302.14	161.16	0.31
Gober-2-Chiq	35556	100-EV	21742.00	188.00	197.53	194.49	198.18	0.007636	6.42	3384.20	594.00	0.46
Gober-2-Chiq	35556	50-EV	19095.00	188.00	196.94	194.15	197.55	0.007558	6.22	3068.41	559.02	0.45
Gober-2-Chiq	35556	25-EV	15912.00	188.00	196.35	193.72	196.86	0.006841	5.75	2767.05	524.77	0.43
Gober-2-Chiq	35556	10-EV	7413.00	188.00	194.35	192.37	194.61	0.005379	4.05	1831.44	463.19	0.36
Gober-2-Chiq	35556	5-EV	2767.00	188.00	192.66	190.61	192.77	0.004627	2.63	1053.13	456.18	0.30
Gober-2-Chiq	35556	2-EV	722.00	188.00	190.90	189.03	190.94	0.002028	1.60	450.20	240.23	0.21
Gober-2-Chiq	35449	100-EV	21742.00	188.00	196.23	194.37	197.08	0.013546	7.41	2933.56	639.33	0.59
Gober-2-Chiq	35449	50-EV	19095.00	188.00	195.72	194.05	196.53	0.011710	7.21	2649.52	544.33	0.56
Gober-2-Chiq	35449	25-EV	15912.00	188.00	195.24	193.58	195.92	0.011244	6.63	2399.65	538.15	0.54
Gober-2-Chiq	35449	10-EV	7413.00	188.00	193.46	192.13	193.84	0.009722	4.93	1503.41	468.08	0.49
Gober-2-Chiq	35449	5-EV	2767.00	188.00	191.92	190.88	192.10	0.008618	3.40	814.54	419.09	0.43
Gober-2-Chiq	35449	2-EV	722.00	188.00	190.42	189.39	190.52	0.010506	2.51	287.92	277.58	0.43
Gober-2-Chiq	35351	100-EV	21742.00	188.00	194.34	193.49	195.43	0.021213	8.38	2594.73	670.72	0.73
Gober-2-Chiq	35351	50-EV	19095.00	188.00	193.98	193.15	194.99	0.021657	8.07	2364.84	625.04	0.73
Gober-2-Chiq	35351	25-EV	15912.00	188.00	193.50	192.72	194.42	0.021541	7.68	2071.59	597.62	0.73
Gober-2-Chiq	35351	10-EV	7413.00	188.00	191.98	191.26	192.53	0.018856	5.97	1240.91	489.42	0.66
Gober-2-Chiq	35351	5-EV	2767.00	188.00	190.60	189.85	190.90	0.018780	4.39	630.92	396.69	0.61

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Gober-2-Chiq	35351	2-EV	722.00	188.00	189.29	188.78	189.42	0.012155	2.81	256.84	217.01	0.46
Chiq-2-Oso	35120	100-EV	21935.00	185.94	193.37	191.39	193.95	0.007659	6.11	3590.42	711.61	0.48
Chiq-2-Oso	35120	50-EV	19265.00	185.94	192.97	191.13	193.50	0.007724	5.82	3308.79	709.87	0.48
Chiq-2-Oso	35120	25-EV	16050.00	185.94	192.47	190.80	192.93	0.007786	5.43	2953.85	707.79	0.47
Chiq-2-Oso	35120	10-EV	7427.00	185.94	190.90	189.57	191.15	0.007890	4.03	1844.47	701.78	0.44
Chiq-2-Oso	35120	5-EV	2767.00	185.94	189.60	188.59	189.72	0.006289	2.77	998.45	555.73	0.36
Chiq-2-Oso	35120	2-EV	703.00	185.94	188.38	187.17	188.43	0.006423	1.82	385.38	421.79	0.34
Chiq-2-Oso	35014	100-EV	21935.00	186.00	192.69	190.54	193.20	0.006208	5.73	3831.16	750.97	0.45
Chiq-2-Oso	35014	50-EV	19265.00	186.00	192.28	190.28	192.74	0.006300	5.47	3523.18	748.24	0.44
Chiq-2-Oso	35014	25-EV	16050.00	186.00	191.76	189.96	192.17	0.006399	5.12	3136.87	745.00	0.44
Chiq-2-Oso	35014	10-EV	7427.00	186.00	190.16	188.94	190.38	0.006494	3.80	1952.48	735.67	0.41
Chiq-2-Oso	35014	5-EV	2767.00	186.00	188.98	188.10	189.08	0.005658	2.52	1098.59	711.11	0.36
Chiq-2-Oso	35014	2-EV	703.00	186.00	187.34	186.90	187.46	0.013783	2.84	247.19	255.42	0.51
Chiq-2-Oso	34912	100-EV	21935.00	184.00	192.05	189.92	192.55	0.006392	5.71	3841.85	765.26	0.45
Chiq-2-Oso	34912	50-EV	19265.00	184.00	191.62	189.67	192.08	0.006595	5.48	3516.54	755.59	0.45
Chiq-2-Oso	34912	25-EV	16050.00	184.00	191.07	189.35	191.49	0.006887	5.17	3106.10	753.58	0.45
Chiq-2-Oso	34912	10-EV	7427.00	184.00	189.37	188.36	189.63	0.008473	4.06	1829.27	747.21	0.46
Chiq-2-Oso	34912	5-EV	2767.00	184.00	188.13	186.77	188.27	0.011709	3.04	908.82	730.56	0.48
Chiq-2-Oso	34912	2-EV	703.00	184.00	186.49	185.48	186.56	0.005962	2.18	321.77	246.35	0.34
Chiq-2-Oso	34804	100-EV	21935.00	184.00	191.45	188.85	191.89	0.005587	5.38	4080.85	728.51	0.40
Chiq-2-Oso	34804	50-EV	19265.00	184.00	191.00	188.60	191.41	0.005635	5.12	3759.21	726.07	0.40
Chiq-2-Oso	34804	25-EV	16050.00	184.00	190.44	188.27	190.80	0.005686	4.79	3353.97	723.47	0.39
Chiq-2-Oso	34804	10-EV	7427.00	184.00	188.64	187.17	188.85	0.006100	3.61	2057.29	715.90	0.38
Chiq-2-Oso	34804	5-EV	2767.00	184.00	187.30	186.28	187.39	0.005861	2.49	1112.51	654.97	0.34
Chiq-2-Oso	34804	2-EV	703.00	184.00	185.73	184.86	185.81	0.008295	2.26	310.58	233.32	0.35
Chiq-2-Oso	34699	100-EV	21935.00	182.00	190.78	188.35	191.26	0.006467	5.59	3925.17	715.06	0.42
Chiq-2-Oso	34699	50-EV	19265.00	182.00	190.32	188.09	190.77	0.006624	5.35	3601.87	713.80	0.42
Chiq-2-Oso	34699	25-EV	16050.00	182.00	189.75	187.71	190.14	0.006840	5.03	3193.60	712.31	0.42
Chiq-2-Oso	34699	10-EV	7427.00	182.00	187.85	186.62	188.10	0.008216	4.02	1849.02	677.22	0.43
Chiq-2-Oso	34699	5-EV	2767.00	182.00	186.42	185.22	186.57	0.010926	3.04	909.70	642.48	0.45
Chiq-2-Oso	34699	2-EV	703.00	182.00	185.03	184.17	185.09	0.005799	2.02	348.67	258.69	0.31
Chiq-2-Oso	34603	100-EV	21935.00	182.00	190.38		190.72	0.004268	4.70	4662.17	786.46	0.34
Chiq-2-Oso	34603	50-EV	19265.00	182.00	189.91		190.22	0.004303	4.48	4295.87	784.30	0.34
Chiq-2-Oso	34603	25-EV	16050.00	182.00	189.32		189.59	0.004327	4.19	3834.43	780.85	0.33
Chiq-2-Oso	34603	10-EV	7427.00	182.00	187.30		187.47	0.005025	3.26	2279.36	758.84	0.33
Chiq-2-Oso	34603	5-EV	2767.00	182.00	185.79		185.88	0.004904	2.40	1154.08	643.58	0.32
Chiq-2-Oso	34603	2-EV	703.00	182.00	184.50		184.54	0.005644	1.64	429.12	476.94	0.30
Chiq-2-Oso	34503	100-EV	21935.00	182.00	189.89	186.80	190.26	0.004910	4.85	4522.52	799.20	0.36
Chiq-2-Oso	34503	50-EV	19265.00	182.00	189.41	186.53	189.75	0.005067	4.65	4140.96	798.24	0.36
Chiq-2-Oso	34503	25-EV	16050.00	182.00	188.81	186.18	189.11	0.005295	4.39	3658.91	797.03	0.36
Chiq-2-Oso	34503	10-EV	7427.00	182.00	186.78	185.09	186.96	0.004972	3.43	2164.10	689.94	0.34
Chiq-2-Oso	34503	5-EV	2767.00	182.00	185.30	184.25	185.39	0.004805	2.36	1172.83	651.72	0.31
Chiq-2-Oso	34503	2-EV	703.00	182.00	183.91	182.95	183.98	0.005569	2.03	346.17	299.51	0.33
Chiq-2-Oso	34398	100-EV	21935.00	182.00	189.38		189.74	0.005026	4.81	4560.98	825.78	0.36
Chiq-2-Oso	34398	50-EV	19265.00	182.00	188.87		189.21	0.005315	4.65	4144.52	824.42	0.37
Chiq-2-Oso	34398	25-EV	16050.00	182.00	188.22		188.53	0.005834	4.45	3607.13	822.69	0.37
Chiq-2-Oso	34398	10-EV	7427.00	182.00	186.16		186.36	0.006561	3.66	2027.40	716.88	0.38
Chiq-2-Oso	34398	5-EV	2767.00	182.00	184.70		184.80	0.006555	2.62	1057.19	634.12	0.36
Chiq-2-Oso	34398	2-EV	703.00	182.00	183.05		183.15	0.012233	2.45	286.61	337.83	0.47
Chiq-2-Oso	34296	100-EV	21935.00	180.00	188.97		189.31	0.003420	4.66	4704.14	763.30	0.33
Chiq-2-Oso	34296	50-EV	19265.00	180.00	188.45		188.76	0.003526	4.47	4307.24	761.70	0.33
Chiq-2-Oso	34296	25-EV	16050.00	180.00	187.77		188.05	0.003725	4.24	3787.86	758.16	0.33
Chiq-2-Oso	34296	10-EV	7427.00	180.00	185.61		185.79	0.004709	3.41	2178.99	724.00	0.35
Chiq-2-Oso	34296	5-EV	2767.00	180.00	184.13		184.22	0.004939	2.43	1138.85	649.97	0.32
Chiq-2-Oso	34296	2-EV	703.00	180.00	182.38		182.43	0.004365	1.76	399.96	337.36	0.28
Chiq-2-Oso	34194	100-EV	21935.00	180.00	188.49		188.91	0.004432	5.17	4246.42	764.18	0.39
Chiq-2-Oso	34194	50-EV	19265.00	180.00	187.95		188.35	0.004620	5.02	3835.95	732.34	0.39
Chiq-2-Oso	34194	25-EV	16050.00	180.00	187.24		187.61	0.004948	4.82	3327.68	699.89	0.39
Chiq-2-Oso	34194	10-EV	7427.00	180.00	184.93		185.19	0.007348	4.12	1802.71	640.17	0.43
Chiq-2-Oso	34194	5-EV	2767.00	180.00	183.44		183.59	0.007886	3.10	893.84	524.20	0.42
Chiq-2-Oso	34194	2-EV	703.00	180.00	181.72		181.84	0.007978	2.78	252.95	167.59	0.40
Chiq-2-Oso	34095	100-EV	21935.00	178.21	188.12		188.50	0.003652	4.97	4415.20	737.52	0.36
Chiq-2-Oso	34095	50-EV	19265.00	178.21	187.56		187.92	0.003776	4.80	4010.74	724.44	0.36
Chiq-2-Oso	34095	25-EV	16050.00	178.21	186.82		187.15	0.004041	4.61	3480.63	705.50	0.37
Chiq-2-Oso	34095	10-EV	7427.00	178.21	184.30		184.54	0.005833	3.96	1875.63	593.87	0.39
Chiq-2-Oso	34095	5-EV	2767.00	178.21	182.62		182.77	0.008696	3.06	904.90	568.92	0.43
Chiq-2-Oso	34095	2-EV	703.00	178.21	181.06		181.14	0.005988	2.21	317.84	252.01	0.35
Chiq-2-Oso	33992	100-EV	21935.00	178.00	187.80		188.14	0.003148	4.69	4676.62	716.82	0.32
Chiq-2-Oso	33992	50-EV	19265.00	178.00	187.23		187.55	0.003245	4.51	4274.11	712.07	0.32

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	33992	25-EV	16050.00	178.00	186.47		186.75	0.003493	4.30	3729.87	705.36	0.33
Chiq-2-Oso	33992	10-EV	7427.00	178.00	183.78		183.99	0.004685	3.74	1987.52	575.24	0.35
Chiq-2-Oso	33992	5-EV	2767.00	178.00	181.94		182.07	0.005359	2.86	966.69	466.25	0.35
Chiq-2-Oso	33992	2-EV	703.00	178.00	180.52		180.58	0.004925	1.84	381.49	369.93	0.32
Chiq-2-Oso	33878	100-EV	21935.00	178.00	187.45		187.79	0.003002	4.64	4727.73	706.32	0.32
Chiq-2-Oso	33878	50-EV	19265.00	178.00	186.88		187.19	0.003072	4.45	4324.59	701.29	0.32
Chiq-2-Oso	33878	25-EV	16050.00	178.00	186.08		186.36	0.003296	4.26	3769.13	694.19	0.32
Chiq-2-Oso	33878	10-EV	7427.00	178.00	183.25		183.47	0.004508	3.76	1977.43	550.93	0.35
Chiq-2-Oso	33878	5-EV	2767.00	178.00	181.13		181.30	0.008660	3.25	851.51	508.38	0.44
Chiq-2-Oso	33878	2-EV	703.00	178.00	179.51		179.68	0.013722	3.26	215.87	161.98	0.50
Chiq-2-Oso	33773	100-EV	21935.00	176.00	187.11		187.46	0.003215	4.75	4615.60	712.24	0.33
Chiq-2-Oso	33773	50-EV	19265.00	176.00	186.53		186.85	0.003287	4.58	4202.97	705.78	0.33
Chiq-2-Oso	33773	25-EV	16050.00	176.00	185.72		186.02	0.003243	4.40	3649.05	655.37	0.33
Chiq-2-Oso	33773	10-EV	7427.00	176.00	182.88		183.08	0.003074	3.60	2065.06	449.51	0.30
Chiq-2-Oso	33773	5-EV	2767.00	176.00	180.63		180.73	0.003486	2.61	1061.21	443.49	0.30
Chiq-2-Oso	33773	2-EV	703.00	176.00	178.99		179.04	0.003164	1.75	402.27	325.62	0.28
Chiq-2-Oso	33669	100-EV	21935.00	176.00	186.62		187.03	0.005301	5.16	4250.47	731.79	0.38
Chiq-2-Oso	33669	50-EV	19265.00	176.00	186.00		186.40	0.005893	5.07	3798.68	727.91	0.39
Chiq-2-Oso	33669	25-EV	16050.00	176.00	185.19		185.57	0.005901	4.94	3246.68	652.20	0.39
Chiq-2-Oso	33669	10-EV	7427.00	176.00	182.41		182.67	0.004972	4.09	1817.72	440.36	0.35
Chiq-2-Oso	33669	5-EV	2767.00	176.00	180.08		180.24	0.006585	3.22	859.19	373.94	0.37
Chiq-2-Oso	33669	2-EV	703.00	176.00	178.34		178.44	0.013160	2.47	284.40	316.54	0.46
Chiq-2-Oso	33568	100-EV	21935.00	174.00	186.12		186.56	0.004059	5.34	4105.25	688.76	0.39
Chiq-2-Oso	33568	50-EV	19265.00	174.00	185.49		185.91	0.004014	5.20	3706.52	614.68	0.37
Chiq-2-Oso	33568	25-EV	16050.00	174.00	184.70		185.08	0.004021	4.97	3232.02	584.07	0.37
Chiq-2-Oso	33568	10-EV	7427.00	174.00	181.97		182.22	0.003894	4.04	1840.06	426.70	0.34
Chiq-2-Oso	33568	5-EV	2767.00	174.00	179.59		179.73	0.003961	3.02	916.22	335.18	0.32
Chiq-2-Oso	33568	2-EV	703.00	174.00	177.63		177.71	0.004514	2.20	320.12	260.77	0.35
Chiq-2-Oso	33458	100-EV	21935.00	174.00	185.50	181.55	186.06	0.004878	6.01	3650.78	472.17	0.38
Chiq-2-Oso	33458	50-EV	19265.00	174.00	184.91	181.09	185.41	0.004842	5.71	3373.19	468.60	0.38
Chiq-2-Oso	33458	25-EV	16050.00	174.00	184.15	180.49	184.59	0.004781	5.31	3021.36	464.02	0.37
Chiq-2-Oso	33458	10-EV	7427.00	174.00	181.49	178.69	181.75	0.004731	4.09	1817.88	414.60	0.34
Chiq-2-Oso	33458	5-EV	2767.00	174.00	179.18	177.08	179.30	0.003694	2.82	980.25	329.85	0.29
Chiq-2-Oso	33458	2-EV	703.00	174.00	177.29	175.79	177.34	0.002491	1.64	428.54	237.64	0.22
Chiq-2-Oso	33352	100-EV	22835.00	174.00	184.82	181.09	185.44	0.006858	6.31	3618.92	487.24	0.41
Chiq-2-Oso	33352	50-EV	20054.00	174.00	184.24	180.68	184.80	0.006805	6.01	3337.02	481.80	0.40
Chiq-2-Oso	33352	25-EV	16717.00	174.00	183.50	180.18	183.99	0.006723	5.61	2981.99	475.08	0.39
Chiq-2-Oso	33352	10-EV	7577.00	174.00	180.93	178.30	181.20	0.005760	4.15	1827.34	414.34	0.35
Chiq-2-Oso	33352	5-EV	2829.00	174.00	178.73	176.87	178.85	0.004891	2.84	997.34	348.90	0.30
Chiq-2-Oso	33352	2-EV	736.00	174.00	176.95	175.48	177.00	0.004211	1.68	437.82	283.77	0.24
Chiq-2-Oso	33244	100-EV	22835.00	174.00	184.16	180.19	184.73	0.006123	6.08	3753.70	537.76	0.38
Chiq-2-Oso	33244	50-EV	20054.00	174.00	183.59	179.81	184.10	0.005956	5.76	3483.62	473.36	0.37
Chiq-2-Oso	33244	25-EV	16717.00	174.00	182.87	179.32	183.31	0.005710	5.32	3144.39	467.61	0.36
Chiq-2-Oso	33244	10-EV	7577.00	174.00	180.41	177.74	180.63	0.004680	3.75	2022.40	443.09	0.31
Chiq-2-Oso	33244	5-EV	2829.00	174.00	178.23	176.46	178.34	0.004542	2.59	1091.22	411.27	0.28
Chiq-2-Oso	33244	2-EV	736.00	174.00	176.42	175.23	176.47	0.005792	1.74	423.98	331.74	0.27
Chiq-2-Oso	33144	100-EV	22835.00	173.69	183.58		184.15	0.005461	6.03	3789.45	586.24	0.42
Chiq-2-Oso	33144	50-EV	20054.00	173.69	183.00		183.52	0.005602	5.82	3445.92	583.21	0.42
Chiq-2-Oso	33144	25-EV	16717.00	173.69	182.24		182.72	0.005804	5.55	3009.37	579.34	0.43
Chiq-2-Oso	33144	10-EV	7577.00	173.69	179.72		180.07	0.006287	4.73	1600.86	462.45	0.45
Chiq-2-Oso	33144	5-EV	2829.00	173.69	177.64		177.81	0.005941	3.29	859.03	318.94	0.35
Chiq-2-Oso	33144	2-EV	736.00	173.69	175.74		175.83	0.006899	2.47	297.80	192.67	0.35
Chiq-2-Oso	33046	100-EV	22835.00	172.00	183.07		183.63	0.005098	5.97	3825.50	568.61	0.41
Chiq-2-Oso	33046	50-EV	20054.00	172.00	182.47		182.99	0.005241	5.75	3484.88	565.70	0.41
Chiq-2-Oso	33046	25-EV	16717.00	172.00	181.70		182.17	0.005464	5.48	3050.26	561.22	0.41
Chiq-2-Oso	33046	10-EV	7577.00	172.00	179.11		179.44	0.006530	4.61	1642.43	491.28	0.44
Chiq-2-Oso	33046	5-EV	2829.00	172.00	176.94		177.14	0.007877	3.60	785.76	324.52	0.41
Chiq-2-Oso	33046	2-EV	736.00	172.00	174.87		175.01	0.010520	2.91	252.99	181.66	0.43
Chiq-2-Oso	32945	100-EV	22835.00	172.00	182.71		183.17	0.003675	5.44	4194.06	554.12	0.35
Chiq-2-Oso	32945	50-EV	20054.00	172.00	182.10		182.52	0.003668	5.20	3860.22	551.22	0.35
Chiq-2-Oso	32945	25-EV	16717.00	172.00	181.33		181.70	0.003659	4.87	3433.69	547.56	0.34
Chiq-2-Oso	32945	10-EV	7577.00	172.00	178.71		178.93	0.003601	3.75	2020.65	530.22	0.34
Chiq-2-Oso	32945	5-EV	2829.00	172.00	176.48		176.61	0.003555	2.92	969.31	390.28	0.33
Chiq-2-Oso	32945	2-EV	736.00	172.00	174.37		174.43	0.003399	1.86	396.04	225.89	0.25
Chiq-2-Oso	32844	100-EV	22835.00	171.88	182.22		182.76	0.004259	5.89	3880.02	503.82	0.37
Chiq-2-Oso	32844	50-EV	20054.00	171.88	181.63		182.12	0.004212	5.60	3583.67	501.19	0.37
Chiq-2-Oso	32844	25-EV	16717.00	171.88	180.87		181.30	0.004147	5.22	3204.63	497.72	0.36
Chiq-2-Oso	32844	10-EV	7577.00	171.88	178.31		178.55	0.003872	3.89	1945.75	486.14	0.34
Chiq-2-Oso	32844	5-EV	2829.00	171.88	176.06		176.22	0.004196	3.16	893.85	397.85	0.37
Chiq-2-Oso	32844	2-EV	736.00	171.88	173.81		173.91	0.008273	2.58	285.63	197.69	0.38

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	32744	100-EV	22835.00	170.00	181.57		182.24	0.006172	6.54	3489.80	466.91	0.42
Chiq-2-Oso	32744	50-EV	20054.00	170.00	181.00		181.60	0.006160	6.22	3222.84	465.01	0.42
Chiq-2-Oso	32744	25-EV	16717.00	170.00	180.26		180.78	0.006166	5.80	2880.14	462.57	0.41
Chiq-2-Oso	32744	10-EV	7577.00	170.00	177.75		178.05	0.006521	4.37	1734.39	448.22	0.39
Chiq-2-Oso	32744	5-EV	2829.00	170.00	175.52		175.71	0.006206	3.45	820.58	300.81	0.37
Chiq-2-Oso	32744	2-EV	736.00	170.00	173.08		173.19	0.006243	2.70	273.07	141.99	0.34
Chiq-2-Oso	32643	100-EV	22835.00	170.00	181.04		181.64	0.005294	6.23	3665.55	470.11	0.39
Chiq-2-Oso	32643	50-EV	20054.00	170.00	180.47		181.01	0.005215	5.90	3398.59	468.26	0.39
Chiq-2-Oso	32643	25-EV	16717.00	170.00	179.74		180.20	0.005119	5.47	3055.15	465.85	0.38
Chiq-2-Oso	32643	10-EV	7577.00	170.00	177.22		177.47	0.004847	3.99	1897.53	448.98	0.34
Chiq-2-Oso	32643	5-EV	2829.00	170.00	174.98		175.12	0.005276	2.96	956.43	383.74	0.33
Chiq-2-Oso	32643	2-EV	736.00	170.00	172.63		172.70	0.003793	2.11	348.60	178.50	0.27
Chiq-2-Oso	32544	100-EV	22835.00	170.00	180.45		181.09	0.005731	6.43	3549.27	477.82	0.42
Chiq-2-Oso	32544	50-EV	20054.00	170.00	179.89		180.47	0.005653	6.11	3282.24	476.26	0.41
Chiq-2-Oso	32544	25-EV	16717.00	170.00	179.16		179.67	0.005554	5.69	2937.91	474.23	0.40
Chiq-2-Oso	32544	10-EV	7577.00	170.00	176.68		176.97	0.005196	4.28	1769.07	467.29	0.39
Chiq-2-Oso	32544	5-EV	2829.00	170.00	174.48		174.63	0.004570	3.10	913.39	331.89	0.33
Chiq-2-Oso	32544	2-EV	736.00	170.00	172.21		172.28	0.004602	2.13	345.47	195.97	0.28
Chiq-2-Oso	32497	100-EV	22835.00	170.00	180.18		180.82	0.005907	6.43	3552.52	491.61	0.42
Chiq-2-Oso	32497	50-EV	20054.00	170.00	179.62		180.20	0.005860	6.12	3278.00	489.44	0.42
Chiq-2-Oso	32497	25-EV	16717.00	170.00	178.89		179.40	0.005804	5.72	2924.64	486.55	0.41
Chiq-2-Oso	32497	10-EV	7577.00	170.00	176.41		176.71	0.005641	4.38	1731.00	470.44	0.40
Chiq-2-Oso	32497	5-EV	2829.00	170.00	174.22		174.39	0.005800	3.25	871.42	361.40	0.37
Chiq-2-Oso	32497	2-EV	736.00	170.00	171.96		172.05	0.005316	2.31	318.46	180.95	0.31
Chiq-2-Oso	32454	100-EV	22835.00	169.27	179.93		180.55	0.006274	6.33	3606.82	498.54	0.41
Chiq-2-Oso	32454	50-EV	20054.00	169.27	179.37		179.93	0.006284	6.03	3328.17	496.64	0.41
Chiq-2-Oso	32454	25-EV	16717.00	169.27	178.64		179.13	0.006335	5.63	2968.62	494.18	0.41
Chiq-2-Oso	32454	10-EV	7577.00	169.27	176.16		176.44	0.006698	4.29	1764.77	461.37	0.39
Chiq-2-Oso	32454	5-EV	2829.00	169.27	173.96		174.12	0.006595	3.18	890.59	359.22	0.36
Chiq-2-Oso	32454	2-EV	736.00	169.27	171.63		171.74	0.009783	2.72	270.99	180.73	0.39
Chiq-2-Oso	32349	100-EV	22835.00	168.00	179.42		179.95	0.004814	5.82	3923.56	531.18	0.38
Chiq-2-Oso	32349	50-EV	20054.00	168.00	178.86		179.34	0.004756	5.53	3625.44	529.42	0.37
Chiq-2-Oso	32349	25-EV	16717.00	168.00	178.14		178.55	0.004621	5.15	3244.60	520.32	0.36
Chiq-2-Oso	32349	10-EV	7577.00	168.00	175.69		175.91	0.003749	3.72	2035.89	447.58	0.31
Chiq-2-Oso	32349	5-EV	2829.00	168.00	173.53		173.63	0.003276	2.52	1121.57	383.10	0.26
Chiq-2-Oso	32349	2-EV	736.00	168.00	171.19		171.24	0.002666	1.83	402.09	195.05	0.22
Chiq-2-Oso	32249	100-EV	22835.00	168.00	178.93		179.46	0.004979	5.84	3910.81	531.70	0.38
Chiq-2-Oso	32249	50-EV	20054.00	168.00	178.37		178.85	0.004957	5.55	3615.06	529.71	0.37
Chiq-2-Oso	32249	25-EV	16717.00	168.00	177.65		178.07	0.004935	5.17	3236.58	527.11	0.37
Chiq-2-Oso	32249	10-EV	7577.00	168.00	175.24		175.47	0.005064	3.83	1977.45	517.21	0.35
Chiq-2-Oso	32249	5-EV	2829.00	168.00	173.12		173.25	0.004456	2.85	993.05	371.23	0.31
Chiq-2-Oso	32249	2-EV	736.00	168.00	170.85		170.92	0.003901	2.09	352.37	187.81	0.27
Chiq-2-Oso	32149	100-EV	22835.00	167.52	177.62	174.29	178.21	0.005942	6.13	3726.23	520.73	0.40
Chiq-2-Oso	32149	50-EV	20054.00	167.52	177.08	173.94	177.61	0.005874	5.82	3445.42	518.41	0.40
Chiq-2-Oso	32149	25-EV	16717.00	167.52	176.39	173.47	176.84	0.005780	5.42	3086.09	515.41	0.39
Chiq-2-Oso	32149	10-EV	7577.00	167.52	174.01	171.86	174.26	0.005507	4.04	1876.19	502.07	0.37
Chiq-2-Oso	32149	5-EV	2829.00	167.52	172.02	170.04	172.16	0.005125	3.01	938.50	436.02	0.36
Chiq-2-Oso	32149	2-EV	736.00	167.52	169.93	168.74	169.99	0.004225	2.08	354.64	204.16	0.28
Chiq-2-Oso	32067		Bridge									
Chiq-2-Oso	31822	100-EV	22835.00	166.00	175.81	172.49	176.42	0.006197	6.26	3645.36	556.90	0.41
Chiq-2-Oso	31822	50-EV	20054.00	166.00	175.31	172.15	175.85	0.006042	5.91	3392.87	553.90	0.40
Chiq-2-Oso	31822	25-EV	16717.00	166.00	174.66	171.71	175.12	0.005825	5.45	3069.02	549.83	0.39
Chiq-2-Oso	31822	10-EV	7577.00	166.00	172.30	170.31	172.55	0.005710	3.98	1904.11	532.66	0.36
Chiq-2-Oso	31822	5-EV	2829.00	166.00	170.15	167.99	170.32	0.010204	3.24	871.84	507.55	0.42
Chiq-2-Oso	31822	2-EV	736.00	166.00	167.87	166.83	167.94	0.004826	2.17	338.70	207.84	0.29
Chiq-2-Oso	31649	100-EV	22835.00	164.00	174.75	171.71	175.31	0.005827	5.98	3818.87	590.49	0.41
Chiq-2-Oso	31649	50-EV	20054.00	164.00	174.27	171.38	174.77	0.005717	5.67	3533.82	586.66	0.41
Chiq-2-Oso	31649	25-EV	16717.00	164.00	173.65	170.95	174.08	0.005536	5.27	3173.16	581.31	0.40
Chiq-2-Oso	31649	10-EV	7577.00	164.00	171.19	168.69	171.47	0.006200	4.24	1788.39	538.28	0.41
Chiq-2-Oso	31649	5-EV	2829.00	164.00	168.99	167.14	169.15	0.004503	3.24	872.94	282.95	0.33
Chiq-2-Oso	31649	2-EV	736.00	164.00	167.24	165.80	167.29	0.002715	1.78	413.98	242.59	0.24
Chiq-2-Oso	31548	100-EV	22835.00	164.00	174.04		174.67	0.006752	6.36	3590.37	615.53	0.46
Chiq-2-Oso	31548	50-EV	20054.00	164.00	173.56		174.14	0.006735	6.08	3296.99	609.95	0.46
Chiq-2-Oso	31548	25-EV	16717.00	164.00	172.96		173.47	0.006652	5.70	2931.03	603.08	0.46
Chiq-2-Oso	31548	10-EV	7577.00	164.00	170.46		170.80	0.006893	4.70	1612.71	435.82	0.43
Chiq-2-Oso	31548	5-EV	2829.00	164.00	168.46		168.64	0.005723	3.35	845.67	369.38	0.39
Chiq-2-Oso	31548	2-EV	736.00	164.00	166.88		166.95	0.004315	2.01	366.55	269.18	0.30
Chiq-2-Oso	31440	100-EV	22835.00	164.00	173.13		173.85	0.008475	6.83	3344.08	630.99	0.52

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	31440	50-EV	20054.00	164.00	172.63		173.31	0.008723	6.61	3031.84	620.04	0.53
Chiq-2-Oso	31440	25-EV	16717.00	164.00	172.01		172.63	0.008921	6.29	2656.61	607.70	0.53
Chiq-2-Oso	31440	10-EV	7577.00	164.00	169.49		169.94	0.009228	5.37	1409.83	398.42	0.50
Chiq-2-Oso	31440	5-EV	2829.00	164.00	167.60		167.85	0.009392	4.05	698.34	300.80	0.47
Chiq-2-Oso	31440	2-EV	736.00	164.00	166.04		166.18	0.013753	2.95	249.25	279.08	0.55
Chiq-2-Oso	31337	100-EV	22835.00	162.00	172.50		173.05	0.006300	5.95	3836.82	732.14	0.46
Chiq-2-Oso	31337	50-EV	20054.00	162.00	171.99		172.51	0.006175	5.77	3476.76	663.49	0.44
Chiq-2-Oso	31337	25-EV	16717.00	162.00	171.35		171.82	0.006321	5.47	3054.67	659.44	0.45
Chiq-2-Oso	31337	10-EV	7577.00	162.00	168.85		169.17	0.005616	4.54	1668.41	452.40	0.42
Chiq-2-Oso	31337	5-EV	2829.00	162.00	167.05		167.19	0.004247	3.08	918.58	337.61	0.33
Chiq-2-Oso	31337	2-EV	736.00	162.00	165.39		165.45	0.004112	1.83	402.52	303.44	0.28
Chiq-2-Oso	31231	100-EV	22835.00	161.97	171.81		172.32	0.007160	5.72	3993.77	728.13	0.43
Chiq-2-Oso	31231	50-EV	20054.00	161.97	171.29		171.76	0.007646	5.55	3611.46	722.97	0.44
Chiq-2-Oso	31231	25-EV	16717.00	161.97	170.59		171.04	0.008342	5.36	3116.69	702.42	0.45
Chiq-2-Oso	31231	10-EV	7577.00	161.97	168.19		168.48	0.007240	4.37	1734.89	487.68	0.41
Chiq-2-Oso	31231	5-EV	2829.00	161.97	166.39		166.55	0.009233	3.22	879.66	471.46	0.42
Chiq-2-Oso	31231	2-EV	736.00	161.97	164.85		164.92	0.006098	2.07	356.07	276.81	0.32
Chiq-2-Oso	31131	100-EV	22835.00	162.00	171.19		171.69	0.005581	5.69	4015.25	701.15	0.42
Chiq-2-Oso	31131	50-EV	20054.00	162.00	170.65		171.12	0.005563	5.50	3646.77	658.35	0.41
Chiq-2-Oso	31131	25-EV	16717.00	162.00	169.95		170.37	0.005428	5.21	3206.84	606.55	0.40
Chiq-2-Oso	31131	10-EV	7577.00	162.00	167.60		167.86	0.005304	4.06	1867.62	541.44	0.39
Chiq-2-Oso	31131	5-EV	2829.00	162.00	165.71		165.85	0.005432	3.04	931.65	374.19	0.34
Chiq-2-Oso	31131	2-EV	736.00	162.00	164.30		164.35	0.005260	1.79	411.10	353.68	0.29
Chiq-2-Oso	31022	100-EV	22835.00	162.00	170.47		171.04	0.006257	6.03	3785.98	728.11	0.47
Chiq-2-Oso	31022	50-EV	20054.00	162.00	169.92		170.46	0.006326	5.91	3391.10	641.33	0.45
Chiq-2-Oso	31022	25-EV	16717.00	162.00	169.22		169.72	0.006531	5.65	2958.73	604.19	0.45
Chiq-2-Oso	31022	10-EV	7577.00	162.00	166.85		167.19	0.007047	4.62	1638.84	524.83	0.46
Chiq-2-Oso	31022	5-EV	2829.00	162.00	164.96		165.14	0.007734	3.45	819.39	358.43	0.40
Chiq-2-Oso	31022	2-EV	736.00	162.00	163.53		163.61	0.008943	2.25	326.89	295.61	0.38
Chiq-2-Oso	30920	100-EV	22835.00	159.65	169.84		170.36	0.006865	5.79	3945.83	683.00	0.42
Chiq-2-Oso	30920	50-EV	20054.00	159.65	169.28		169.77	0.007037	5.62	3565.24	657.03	0.43
Chiq-2-Oso	30920	25-EV	16717.00	159.65	168.57		169.01	0.006971	5.36	3118.39	614.85	0.42
Chiq-2-Oso	30920	10-EV	7577.00	159.65	166.23		166.49	0.006291	4.07	1863.04	519.16	0.38
Chiq-2-Oso	30920	5-EV	2829.00	159.65	164.30		164.44	0.006022	2.94	960.78	425.45	0.35
Chiq-2-Oso	30920	2-EV	736.00	159.65	162.81		162.87	0.005952	1.84	400.93	361.78	0.31
Chiq-2-Oso	30812	100-EV	22835.00	160.00	169.10		169.66	0.006013	6.01	3797.12	656.94	0.44
Chiq-2-Oso	30812	50-EV	20054.00	160.00	168.50		169.04	0.006402	5.89	3405.85	645.64	0.45
Chiq-2-Oso	30812	25-EV	16717.00	160.00	167.75		168.25	0.006943	5.71	2929.42	618.29	0.46
Chiq-2-Oso	30812	10-EV	7577.00	160.00	165.25		165.65	0.009454	5.02	1510.19	491.34	0.50
Chiq-2-Oso	30812	5-EV	2829.00	160.00	163.33		163.57	0.010683	3.92	722.03	343.07	0.48
Chiq-2-Oso	30812	2-EV	736.00	160.00	161.83		161.97	0.011994	2.99	246.47	186.29	0.46
Chiq-2-Oso	30711	100-EV	22835.00	158.00	168.62		169.09	0.004859	5.46	4179.71	643.62	0.38
Chiq-2-Oso	30711	50-EV	20054.00	158.00	167.99		168.43	0.005114	5.31	3776.18	630.37	0.38
Chiq-2-Oso	30711	25-EV	16717.00	158.00	167.20		167.60	0.005468	5.09	3287.10	605.03	0.38
Chiq-2-Oso	30711	10-EV	7577.00	158.00	164.60		164.86	0.005884	4.09	1853.54	504.64	0.38
Chiq-2-Oso	30711	5-EV	2829.00	158.00	162.71		162.83	0.004971	2.79	1012.83	406.10	0.31
Chiq-2-Oso	30711	2-EV	736.00	158.00	160.86		160.94	0.008576	2.21	333.01	308.98	0.38
Chiq-2-Oso	30609	100-EV	22835.00	158.00	168.10		168.58	0.005075	5.55	4111.30	647.02	0.39
Chiq-2-Oso	30609	50-EV	20054.00	158.00	167.44		167.89	0.005395	5.41	3706.67	602.19	0.38
Chiq-2-Oso	30609	25-EV	16717.00	158.00	166.61		167.03	0.005752	5.20	3212.80	585.04	0.39
Chiq-2-Oso	30609	10-EV	7577.00	158.00	163.96		164.23	0.006593	4.15	1823.97	487.69	0.38
Chiq-2-Oso	30609	5-EV	2829.00	158.00	162.09		162.23	0.007015	2.97	951.51	441.33	0.36
Chiq-2-Oso	30609	2-EV	736.00	158.00	160.22		160.28	0.004947	1.94	380.00	249.81	0.28
Chiq-2-Oso	30509	100-EV	22835.00	156.45	167.40		167.98	0.007032	6.09	3746.78	617.95	0.44
Chiq-2-Oso	30509	50-EV	20054.00	156.45	166.67		167.24	0.007748	6.06	3308.41	590.17	0.45
Chiq-2-Oso	30509	25-EV	16717.00	156.45	165.78		166.33	0.008286	5.94	2813.96	497.57	0.44
Chiq-2-Oso	30509	10-EV	7577.00	156.45	163.01		163.39	0.010789	4.93	1537.37	436.02	0.46
Chiq-2-Oso	30509	5-EV	2829.00	156.45	161.02		161.25	0.014255	3.88	728.45	360.23	0.48
Chiq-2-Oso	30509	2-EV	736.00	156.45	159.34		159.48	0.015188	2.97	247.62	184.95	0.45
Chiq-2-Oso	30395	100-EV	22835.00	155.39	166.79		167.28	0.005078	5.60	4077.52	662.93	0.40
Chiq-2-Oso	30395	50-EV	20054.00	155.39	165.98		166.47	0.005646	5.65	3551.71	634.38	0.42
Chiq-2-Oso	30395	25-EV	16717.00	155.39	164.99		165.50	0.006411	5.70	2931.39	618.96	0.46
Chiq-2-Oso	30395	10-EV	7577.00	155.39	161.94		162.32	0.008238	4.94	1535.24	378.34	0.43
Chiq-2-Oso	30395	5-EV	2829.00	155.39	159.83		160.04	0.008260	3.68	767.75	297.15	0.40
Chiq-2-Oso	30395	2-EV	736.00	155.39	158.06		158.16	0.009208	2.54	289.42	239.73	0.41
Chiq-2-Oso	30287	100-EV	22835.00	154.00	166.33		166.74	0.004530	5.14	4443.69	712.69	0.36
Chiq-2-Oso	30287	50-EV	20054.00	154.00	165.46		165.88	0.004925	5.18	3874.11	638.71	0.37
Chiq-2-Oso	30287	25-EV	16717.00	154.00	164.39		164.81	0.005866	5.23	3197.27	616.23	0.40
Chiq-2-Oso	30287	10-EV	7577.00	154.00	161.04		161.40	0.008656	4.83	1569.88	379.86	0.42
Chiq-2-Oso	30287	5-EV	2829.00	154.00	158.85		159.06	0.010020	3.68	769.79	332.71	0.43

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	30287	2-EV	736.00	154.00	157.17		157.26	0.007453	2.45	301.02	208.75	0.36
Chiq-2-Oso	30148	100-EV	22835.00	152.18	165.82		166.21	0.003158	4.98	4581.23	489.17	0.29
Chiq-2-Oso	30148	50-EV	20054.00	152.18	164.95		165.31	0.003323	4.83	4155.06	484.87	0.29
Chiq-2-Oso	30148	25-EV	16717.00	152.18	163.82		164.15	0.003614	4.63	3611.66	480.00	0.30
Chiq-2-Oso	30148	10-EV	7577.00	152.18	160.10		160.36	0.006191	4.08	1858.74	460.41	0.36
Chiq-2-Oso	30148	5-EV	2829.00	152.18	157.14		157.42	0.013983	4.23	668.43	319.63	0.52
Chiq-2-Oso	30148	2-EV	736.00	152.18	154.92		155.29	0.035234	4.91	149.98	135.44	0.82
Chiq-2-Oso	30015	100-EV	22835.00	150.00	165.44	158.54	165.84	0.002436	5.04	4529.97	496.89	0.26
Chiq-2-Oso	30015	50-EV	20054.00	150.00	164.57	157.98	164.93	0.002441	4.79	4187.79	480.07	0.26
Chiq-2-Oso	30015	25-EV	16717.00	150.00	163.44	157.38	163.75	0.002466	4.47	3743.11	451.57	0.26
Chiq-2-Oso	30015	10-EV	7577.00	150.00	159.64	155.43	159.82	0.002655	3.36	2251.78	421.15	0.24
Chiq-2-Oso	30015	5-EV	2829.00	150.00	156.66	153.87	156.74	0.002275	2.38	1190.22	349.35	0.22
Chiq-2-Oso	30015	2-EV	736.00	150.00	154.27	152.42	154.31	0.002670	1.55	475.78	304.40	0.21
Chiq-2-Oso	29779	100-EV	22835.00	150.00	164.57	158.02	165.07	0.004471	5.63	4057.27	578.54	0.31
Chiq-2-Oso	29779	50-EV	20054.00	150.00	163.70	157.53	164.15	0.004523	5.41	3707.40	563.39	0.31
Chiq-2-Oso	29779	25-EV	16717.00	150.00	162.56	156.94	162.97	0.004578	5.12	3265.59	506.24	0.31
Chiq-2-Oso	29779	10-EV	7577.00	150.00	158.79	155.04	159.02	0.004408	3.84	1975.70	374.61	0.27
Chiq-2-Oso	29779	5-EV	2829.00	150.00	155.91	153.10	156.02	0.004360	2.63	1075.68	342.82	0.25
Chiq-2-Oso	29779	2-EV	736.00	150.00	153.59	151.41	153.63	0.003133	1.69	435.86	214.55	0.19
Chiq-2-Oso	29607	100-EV	22835.00	150.00	162.70	158.23	163.74	0.011332	8.21	2783.03	268.82	0.45
Chiq-2-Oso	29607	50-EV	20054.00	150.00	161.89	157.70	162.84	0.011345	7.82	2565.84	268.82	0.45
Chiq-2-Oso	29607	25-EV	16717.00	150.00	160.84	157.01	161.67	0.011240	7.32	2283.88	263.21	0.44
Chiq-2-Oso	29607	10-EV	7577.00	150.00	157.30	154.63	157.78	0.011852	5.53	1369.47	254.09	0.42
Chiq-2-Oso	29607	5-EV	2829.00	150.00	154.63	152.89	154.86	0.010911	3.82	739.62	225.50	0.37
Chiq-2-Oso	29607	2-EV	736.00	150.00	152.71	151.30	152.79	0.008575	2.21	332.78	197.45	0.30
Chiq-2-Oso	29516.5		Bridge									
Chiq-2-Oso	29426	100-EV	22835.00	148.00	160.33	156.30	161.46	0.007894	8.52	2680.20	269.95	0.48
Chiq-2-Oso	29426	50-EV	20054.00	148.00	159.51	155.54	160.54	0.007969	8.15	2459.64	269.95	0.48
Chiq-2-Oso	29426	25-EV	16717.00	148.00	158.45	154.74	159.37	0.008129	7.69	2174.33	269.95	0.48
Chiq-2-Oso	29426	10-EV	7577.00	148.00	154.79	152.26	155.36	0.008122	6.04	1254.88	220.77	0.45
Chiq-2-Oso	29426	5-EV	2829.00	148.00	151.90	150.42	152.20	0.008827	4.41	642.04	202.65	0.44
Chiq-2-Oso	29426	2-EV	736.00	148.00	149.66	149.03	149.82	0.012946	3.24	227.28	155.49	0.47
Chiq-2-Oso	29339	100-EV	22835.00	145.78	159.22	153.94	160.23	0.006668	8.09	2824.31	324.53	0.42
Chiq-2-Oso	29339	50-EV	20054.00	145.78	158.43	153.36	159.33	0.006449	7.62	2631.85	319.31	0.41
Chiq-2-Oso	29339	25-EV	16717.00	145.78	157.40	152.63	158.16	0.006158	7.01	2383.41	292.69	0.39
Chiq-2-Oso	29339	10-EV	7577.00	145.78	153.87	150.29	154.25	0.005044	4.90	1545.26	233.48	0.34
Chiq-2-Oso	29339	5-EV	2829.00	145.78	151.07	148.64	151.22	0.003899	3.13	904.06	222.99	0.27
Chiq-2-Oso	29339	2-EV	736.00	145.78	148.87	147.11	148.91	0.002871	1.74	423.78	212.97	0.22
Chiq-2-Oso	28989	100-EV	22835.00	145.54	157.01	153.07	158.20	0.008019	8.75	2609.39	270.86	0.49
Chiq-2-Oso	28989	50-EV	20054.00	145.54	156.27	152.52	157.34	0.007896	8.31	2414.54	263.67	0.48
Chiq-2-Oso	28989	25-EV	16717.00	145.54	155.32	151.83	156.25	0.007715	7.72	2166.17	259.41	0.47
Chiq-2-Oso	28989	10-EV	7577.00	145.54	152.14	149.59	152.62	0.006891	5.57	1361.37	245.90	0.42
Chiq-2-Oso	28989	5-EV	2829.00	145.54	149.72	147.95	149.92	0.005707	3.63	778.31	235.69	0.35
Chiq-2-Oso	28989	2-EV	736.00	145.54	147.89	146.73	147.95	0.004279	2.06	356.95	202.40	0.27
Chiq-2-Oso	28744	100-EV	22835.00	142.03	155.28		156.12	0.008064	7.35	3107.43	325.01	0.42
Chiq-2-Oso	28744	50-EV	20054.00	142.03	154.53		155.29	0.008079	7.00	2863.13	322.49	0.41
Chiq-2-Oso	28744	25-EV	16717.00	142.03	153.56		154.23	0.008104	6.55	2552.86	319.15	0.41
Chiq-2-Oso	28744	10-EV	7577.00	142.03	150.34		150.72	0.008490	4.91	1542.40	308.28	0.39
Chiq-2-Oso	28744	5-EV	2829.00	142.03	147.90		148.09	0.010104	3.54	800.01	298.91	0.38
Chiq-2-Oso	28744	2-EV	736.00	142.03	146.22		146.30	0.012035	2.28	322.80	261.83	0.36
Chiq-2-Oso	28539	100-EV	22835.00	140.00	153.67		154.51	0.007719	7.35	3107.03	313.42	0.41
Chiq-2-Oso	28539	50-EV	20054.00	140.00	152.93		153.69	0.007576	6.97	2877.58	310.27	0.40
Chiq-2-Oso	28539	25-EV	16717.00	140.00	152.00		152.64	0.007354	6.46	2588.20	306.26	0.39
Chiq-2-Oso	28539	10-EV	7577.00	140.00	148.87		149.20	0.006445	4.60	1646.81	295.64	0.34
Chiq-2-Oso	28539	5-EV	2829.00	140.00	146.42		146.56	0.005701	3.03	932.82	287.36	0.30
Chiq-2-Oso	28539	2-EV	736.00	140.00	144.50		144.56	0.006339	1.87	392.56	273.32	0.28
Chiq-2-Oso	28327	100-EV	22835.00	140.00	151.58		152.59	0.010649	8.06	2832.70	313.79	0.47
Chiq-2-Oso	28327	50-EV	20054.00	140.00	150.87		151.78	0.010657	7.68	2611.31	311.87	0.47
Chiq-2-Oso	28327	25-EV	16717.00	140.00	149.98		150.77	0.010620	7.16	2334.36	309.62	0.46
Chiq-2-Oso	28327	10-EV	7577.00	140.00	147.11		147.53	0.009665	5.18	1463.65	297.63	0.41
Chiq-2-Oso	28327	5-EV	2829.00	140.00	144.87		145.06	0.008945	3.49	811.73	283.75	0.36
Chiq-2-Oso	28327	2-EV	736.00	140.00	142.84		142.93	0.009470	2.37	310.31	207.26	0.34
Chiq-2-Oso	28116	100-EV	22835.00	137.50	148.90		150.05	0.013490	8.57	2664.36	316.87	0.52
Chiq-2-Oso	28116	50-EV	20054.00	137.50	148.10		149.18	0.014216	8.31	2412.74	312.63	0.53
Chiq-2-Oso	28116	25-EV	16717.00	137.50	147.06		148.05	0.015581	8.00	2088.59	306.90	0.54
Chiq-2-Oso	28116	10-EV	7577.00	137.50	144.00		144.64	0.020297	6.46	1173.70	290.83	0.57
Chiq-2-Oso	28116	5-EV	2829.00	137.50	141.67		142.10	0.024498	5.26	537.35	210.20	0.58
Chiq-2-Oso	28116	2-EV	736.00	137.50	139.58		139.80	0.025869	3.79	194.17	122.78	0.53

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	27950	100-EV	22835.00	132.00	147.46		148.30	0.007677	7.36	3102.28	306.17	0.41
Chiq-2-Oso	27950	50-EV	20054.00	132.00	146.61		147.38	0.007819	7.06	2842.00	303.06	0.41
Chiq-2-Oso	27950	25-EV	16717.00	132.00	145.42		146.13	0.008331	6.73	2485.46	298.80	0.41
Chiq-2-Oso	27950	10-EV	7577.00	132.00	142.16		142.54	0.008169	4.95	1529.29	286.53	0.38
Chiq-2-Oso	27950	5-EV	2829.00	132.00	139.74		139.91	0.007778	3.34	846.99	276.38	0.34
Chiq-2-Oso	27950	2-EV	736.00	132.00	137.12		137.26	0.010028	3.02	243.74	116.90	0.37
Chiq-2-Oso	27758	100-EV	22835.00	132.00	146.19		146.75	0.007653	6.00	3807.44	510.73	0.39
Chiq-2-Oso	27758	50-EV	20054.00	132.00	145.13		145.71	0.009045	6.11	3279.61	485.57	0.41
Chiq-2-Oso	27758	25-EV	16717.00	132.00	143.95		144.52	0.008031	6.06	2760.83	378.15	0.40
Chiq-2-Oso	27758	10-EV	7577.00	132.00	140.80		141.12	0.006533	4.50	1683.97	311.62	0.34
Chiq-2-Oso	27758	5-EV	2829.00	132.00	138.71		138.82	0.004202	2.71	1043.95	297.68	0.26
Chiq-2-Oso	27758	2-EV	736.00	132.00	136.62		136.65	0.001412	1.34	548.52	201.86	0.14
Chiq-2-Oso	27635	100-EV	22977.00	134.20	144.83		145.72	0.008302	7.61	3031.75	380.64	0.46
Chiq-2-Oso	27635	50-EV	20174.00	134.20	143.45		144.44	0.010987	7.97	2531.63	346.75	0.52
Chiq-2-Oso	27635	25-EV	16815.00	134.20	142.25		143.22	0.013084	7.92	2122.19	333.41	0.55
Chiq-2-Oso	27635	10-EV	7593.00	134.20	138.61		139.54	0.030387	7.75	979.83	298.60	0.75
Chiq-2-Oso	27635	5-EV	2851.00	134.20	136.69	136.69	137.41	0.068211	6.83	417.27	287.88	1.00
Chiq-2-Oso	27635	2-EV	726.00	134.20	135.74	135.74	136.07	0.097102	4.63	156.92	244.56	1.02
Chiq-2-Oso	27377	100-EV	22977.00	128.00	144.01		144.63	0.003776	6.33	3627.03	341.56	0.34
Chiq-2-Oso	27377	50-EV	20174.00	128.00	142.49		143.13	0.004201	6.44	3131.82	311.38	0.36
Chiq-2-Oso	27377	25-EV	16815.00	128.00	141.22		141.81	0.004279	6.13	2744.90	300.62	0.36
Chiq-2-Oso	27377	10-EV	7593.00	128.00	137.31		137.65	0.004360	4.68	1621.41	274.63	0.34
Chiq-2-Oso	27377	5-EV	2851.00	128.00	134.38		134.55	0.003881	3.31	860.47	233.93	0.30
Chiq-2-Oso	27377	2-EV	726.00	128.00	130.84		130.98	0.006327	3.05	238.28	116.53	0.38
Chiq-2-Oso	27176	100-EV	22977.00	126.06	143.37	136.65	143.89	0.003365	5.75	3993.63	380.99	0.31
Chiq-2-Oso	27176	50-EV	20174.00	126.06	141.75	136.18	142.29	0.003860	5.91	3412.04	345.69	0.33
Chiq-2-Oso	27176	25-EV	16815.00	126.06	140.44	135.57	140.94	0.004102	5.67	2965.16	336.37	0.34
Chiq-2-Oso	27176	10-EV	7593.00	126.06	136.32	132.95	136.66	0.005585	4.67	1626.18	314.18	0.36
Chiq-2-Oso	27176	5-EV	2851.00	126.06	133.56	129.95	133.74	0.004121	3.39	841.47	221.47	0.31
Chiq-2-Oso	27176	2-EV	726.00	126.06	130.19	127.96	130.26	0.002196	2.22	327.39	111.04	0.23
Chiq-2-Oso	26976	100-EV	22977.00	126.00	142.84		143.26	0.002670	5.24	4384.96	424.99	0.29
Chiq-2-Oso	26976	50-EV	20174.00	126.00	141.14		141.60	0.002926	5.41	3730.66	364.83	0.30
Chiq-2-Oso	26976	25-EV	16815.00	126.00	139.80		140.22	0.003014	5.17	3251.92	350.83	0.30
Chiq-2-Oso	26976	10-EV	7593.00	126.00	135.40		135.68	0.004160	4.30	1766.14	324.99	0.33
Chiq-2-Oso	26976	5-EV	2851.00	126.00	132.65		132.81	0.005286	3.19	893.40	310.59	0.33
Chiq-2-Oso	26976	2-EV	726.00	126.00	129.54		129.65	0.004468	2.73	265.82	112.19	0.31
Chiq-2-Oso	26777	100-EV	22977.00	125.60	142.22		142.64	0.003721	5.19	4428.74	527.89	0.32
Chiq-2-Oso	26777	50-EV	20174.00	125.60	140.57		141.02	0.002841	5.42	3719.87	369.03	0.30
Chiq-2-Oso	26777	25-EV	16815.00	125.60	139.24		139.65	0.002656	5.16	3259.35	335.41	0.29
Chiq-2-Oso	26777	10-EV	7593.00	125.60	134.63		134.92	0.003547	4.27	1776.47	310.32	0.31
Chiq-2-Oso	26777	5-EV	2851.00	125.60	131.73		131.89	0.004046	3.15	904.90	287.35	0.31
Chiq-2-Oso	26777	2-EV	726.00	125.60	128.56		128.68	0.005271	2.81	258.01	131.30	0.35
Chiq-2-Oso	26574	100-EV	22977.00	124.00	141.08		141.58	0.007565	5.68	4045.05	602.00	0.39
Chiq-2-Oso	26574	50-EV	20174.00	124.00	139.79		140.35	0.003843	5.97	3376.65	335.36	0.33
Chiq-2-Oso	26574	25-EV	16815.00	124.00	138.51		139.01	0.003747	5.68	2962.70	311.89	0.32
Chiq-2-Oso	26574	10-EV	7593.00	124.00	133.62		134.00	0.005787	4.94	1536.85	278.88	0.37
Chiq-2-Oso	26574	5-EV	2851.00	124.00	130.20		130.52	0.012895	4.56	624.93	223.96	0.48
Chiq-2-Oso	26574	2-EV	726.00	124.00	126.95		127.16	0.011459	3.68	197.11	80.50	0.41
Chiq-2-Oso	26377	100-EV	22977.00	122.01	140.11		140.72	0.002777	6.30	3644.32	514.23	0.42
Chiq-2-Oso	26377	50-EV	20174.00	122.01	139.08		139.70	0.002832	6.27	3216.52	373.65	0.38
Chiq-2-Oso	26377	25-EV	16815.00	122.01	137.82		138.38	0.002681	5.99	2806.82	273.05	0.33
Chiq-2-Oso	26377	10-EV	7593.00	122.01	132.82		133.20	0.003023	4.97	1528.64	237.38	0.35
Chiq-2-Oso	26377	5-EV	2851.00	122.01	129.24		129.47	0.002801	3.82	745.88	183.68	0.33
Chiq-2-Oso	26377	2-EV	726.00	122.01	125.96		126.06	0.003157	2.56	284.00	113.66	0.29
Chiq-2-Oso	26177	100-EV	22977.00	122.00	139.13		139.80	0.009132	6.53	3517.68	474.78	0.42
Chiq-2-Oso	26177	50-EV	20174.00	122.00	138.19		138.84	0.007037	6.48	3113.69	381.02	0.40
Chiq-2-Oso	26177	25-EV	16815.00	122.00	137.04		137.63	0.005534	6.18	2722.06	307.64	0.37
Chiq-2-Oso	26177	10-EV	7593.00	122.00	131.87		132.32	0.006888	5.35	1419.55	229.40	0.38
Chiq-2-Oso	26177	5-EV	2851.00	122.00	128.36		128.63	0.006823	4.15	686.53	162.91	0.36
Chiq-2-Oso	26177	2-EV	726.00	122.00	124.99		125.14	0.007193	3.06	237.57	103.17	0.36
Chiq-2-Oso	25976	100-EV	22977.00	120.04	137.97		138.65	0.003920	6.60	3482.59	412.22	0.40
Chiq-2-Oso	25976	50-EV	20174.00	120.04	137.20		137.82	0.003786	6.34	3184.24	370.06	0.38
Chiq-2-Oso	25976	25-EV	16815.00	120.04	136.19		136.74	0.003587	5.94	2831.72	326.61	0.36
Chiq-2-Oso	25976	10-EV	7593.00	120.04	130.82		131.22	0.004333	5.12	1483.61	227.82	0.35
Chiq-2-Oso	25976	5-EV	2851.00	120.04	127.34		127.58	0.004063	3.92	728.14	205.46	0.37
Chiq-2-Oso	25976	2-EV	726.00	120.04	124.00		124.12	0.003717	2.87	252.77	90.83	0.30
Chiq-2-Oso	25776	100-EV	22977.00	120.00	137.21		137.84	0.003961	6.35	3619.09	443.42	0.39
Chiq-2-Oso	25776	50-EV	20174.00	120.00	136.47		137.05	0.003797	6.10	3309.34	392.74	0.37
Chiq-2-Oso	25776	25-EV	16815.00	120.00	135.51		136.01	0.003500	5.68	2960.98	332.27	0.34
Chiq-2-Oso	25776	10-EV	7593.00	120.00	129.95		130.32	0.004536	4.89	1553.18	230.25	0.33

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	25776	5-EV	2851.00	120.00	126.52		126.72	0.004381	3.57	797.59	207.37	0.32
Chiq-2-Oso	25776	2-EV	726.00	120.00	122.98		123.12	0.007165	2.97	244.14	117.47	0.36
Chiq-2-Oso	25646	100-EV	22977.00	118.00	136.76		137.17	0.005507	5.16	4452.47	578.14	0.33
Chiq-2-Oso	25646	50-EV	20174.00	118.00	136.03		136.41	0.005289	5.00	4038.70	544.81	0.32
Chiq-2-Oso	25646	25-EV	16815.00	118.00	135.08		135.42	0.005026	4.74	3551.12	508.60	0.32
Chiq-2-Oso	25646	10-EV	7593.00	118.00	129.47		129.76	0.003737	4.33	1753.67	240.56	0.28
Chiq-2-Oso	25646	5-EV	2851.00	118.00	126.07		126.20	0.003370	2.94	969.62	219.67	0.25
Chiq-2-Oso	25646	2-EV	726.00	118.00	122.44		122.51	0.003105	2.17	334.89	119.83	0.23
Chiq-2-Oso	25346	100-EV	22977.00	118.00	134.87		135.39	0.006369	5.77	3980.75	482.40	0.35
Chiq-2-Oso	25346	50-EV	20174.00	118.00	134.21		134.68	0.006302	5.51	3662.15	474.29	0.35
Chiq-2-Oso	25346	25-EV	16815.00	118.00	133.32		133.74	0.006270	5.18	3248.50	463.09	0.34
Chiq-2-Oso	25346	10-EV	7593.00	118.00	128.23		128.55	0.004390	4.56	1666.39	243.08	0.31
Chiq-2-Oso	25346	5-EV	2851.00	118.00	125.00		125.14	0.003705	3.09	921.68	216.33	0.26
Chiq-2-Oso	25346	2-EV	726.00	118.00	121.52		121.59	0.003021	2.10	345.23	129.96	0.23
Chiq-2-Oso	25047	100-EV	22977.00	116.00	132.12		132.86	0.011513	6.90	3329.89	489.68	0.47
Chiq-2-Oso	25047	50-EV	20174.00	116.00	131.50		132.18	0.011323	6.64	3059.98	456.42	0.45
Chiq-2-Oso	25047	25-EV	16815.00	116.00	130.63		131.25	0.011272	6.34	2652.32	425.86	0.45
Chiq-2-Oso	25047	10-EV	7593.00	116.00	126.59		126.98	0.006299	4.99	1521.10	240.93	0.35
Chiq-2-Oso	25047	5-EV	2851.00	116.00	123.48		123.68	0.006686	3.56	800.78	220.85	0.33
Chiq-2-Oso	25047	2-EV	726.00	116.00	120.46		120.56	0.003969	2.55	284.44	96.65	0.26
Chiq-2-Oso	24746	100-EV	22977.00	116.00	129.10		129.82	0.008931	6.83	3437.76	528.17	0.43
Chiq-2-Oso	24746	50-EV	20174.00	116.00	128.53		129.19	0.008768	6.50	3145.50	506.42	0.43
Chiq-2-Oso	24746	25-EV	16815.00	116.00	127.71		128.29	0.008587	6.12	2748.64	429.13	0.42
Chiq-2-Oso	24746	10-EV	7593.00	116.00	124.22		124.64	0.009862	5.17	1469.92	321.76	0.43
Chiq-2-Oso	24746	5-EV	2851.00	116.00	121.18		121.45	0.008249	4.15	686.80	196.79	0.39
Chiq-2-Oso	24746	2-EV	726.00	116.00	118.04		118.29	0.019254	3.94	184.12	102.98	0.52
Chiq-2-Oso	24446	100-EV	22977.00	112.90	126.98	122.66	127.58	0.006152	6.38	3865.81	848.37	0.41
Chiq-2-Oso	24446	50-EV	20174.00	112.90	126.40	122.02	126.96	0.006238	6.15	3509.69	828.21	0.41
Chiq-2-Oso	24446	25-EV	16815.00	112.90	125.58	121.30	126.10	0.006203	5.90	3036.63	731.67	0.40
Chiq-2-Oso	24446	10-EV	7593.00	112.90	122.16	119.03	122.53	0.005209	4.88	1555.24	335.91	0.36
Chiq-2-Oso	24446	5-EV	2851.00	112.90	119.70	116.54	119.85	0.003573	3.11	917.55	247.02	0.28
Chiq-2-Oso	24446	2-EV	726.00	112.90	116.50	114.58	116.59	0.002574	2.39	303.77	115.30	0.26
Chiq-2-Oso	24146	100-EV	22977.00	112.00	125.42		125.92	0.004837	5.69	4298.94	837.57	0.36
Chiq-2-Oso	24146	50-EV	20174.00	112.00	124.77		125.24	0.005117	5.52	3784.37	746.99	0.36
Chiq-2-Oso	24146	25-EV	16815.00	112.00	123.88		124.32	0.005547	5.29	3177.67	499.81	0.37
Chiq-2-Oso	24146	10-EV	7593.00	112.00	120.47		120.79	0.006351	4.51	1685.25	374.47	0.37
Chiq-2-Oso	24146	5-EV	2851.00	112.00	118.07		118.26	0.008702	3.47	820.82	344.54	0.40
Chiq-2-Oso	24146	2-EV	726.00	112.00	115.37		115.51	0.005340	2.95	245.74	104.70	0.34
Chiq-2-Oso	23846	100-EV	22977.00	110.21	124.17	118.84	124.61	0.003864	5.37	4411.73	799.00	0.36
Chiq-2-Oso	23846	50-EV	20174.00	110.21	123.47	118.41	123.89	0.003884	5.24	3927.45	646.67	0.37
Chiq-2-Oso	23846	25-EV	16815.00	110.21	122.50	117.88	122.90	0.004013	5.10	3355.62	510.00	0.34
Chiq-2-Oso	23846	10-EV	7593.00	110.21	119.07	116.13	119.31	0.003837	3.97	1919.63	386.41	0.31
Chiq-2-Oso	23846	5-EV	2851.00	110.21	116.50	114.47	116.63	0.003618	2.89	984.99	351.90	0.31
Chiq-2-Oso	23846	2-EV	726.00	110.21	114.31	112.36	114.37	0.002733	2.02	360.02	235.45	0.29
Chiq-2-Oso	23546	100-EV	22977.00	110.12	122.58		123.20	0.005643	6.36	3777.51	713.38	0.38
Chiq-2-Oso	23546	50-EV	20174.00	110.12	121.91		122.49	0.005653	6.10	3337.77	536.42	0.38
Chiq-2-Oso	23546	25-EV	16815.00	110.12	120.98		121.49	0.005500	5.73	2935.86	383.81	0.37
Chiq-2-Oso	23546	10-EV	7593.00	110.12	117.56		117.88	0.006030	4.53	1676.44	354.95	0.37
Chiq-2-Oso	23546	5-EV	2851.00	110.12	114.91		115.11	0.007611	3.63	785.52	303.39	0.40
Chiq-2-Oso	23546	2-EV	726.00	110.12	112.74		112.89	0.011269	3.08	235.53	199.31	0.50
Chiq-2-Oso	23246	100-EV	22977.00	108.00	121.12		121.69	0.004413	6.10	4014.03	634.73	0.35
Chiq-2-Oso	23246	50-EV	20174.00	108.00	120.48		121.00	0.004264	5.80	3610.80	621.61	0.35
Chiq-2-Oso	23246	25-EV	16815.00	108.00	119.61		120.06	0.004050	5.39	3128.88	431.80	0.34
Chiq-2-Oso	23246	10-EV	7593.00	108.00	116.25		116.49	0.003550	3.91	1943.23	330.46	0.28
Chiq-2-Oso	23246	5-EV	2851.00	108.00	113.62		113.73	0.002965	2.61	1093.43	316.20	0.25
Chiq-2-Oso	23246	2-EV	726.00	108.00	111.58		111.62	0.002098	1.55	468.97	273.22	0.21
Chiq-2-Oso	22946	100-EV	23142.00	108.00	119.32		119.97	0.007636	6.54	3661.39	694.30	0.47
Chiq-2-Oso	22946	50-EV	20294.00	108.00	118.62		119.28	0.007980	6.52	3190.17	657.63	0.49
Chiq-2-Oso	22946	25-EV	16913.00	108.00	117.68		118.34	0.008470	6.54	2616.64	534.65	0.50
Chiq-2-Oso	22946	10-EV	7591.00	108.00	114.37		114.82	0.009612	5.37	1414.75	293.25	0.43
Chiq-2-Oso	22946	5-EV	2832.00	108.00	112.06		112.28	0.009186	3.72	762.05	272.36	0.39
Chiq-2-Oso	22946	2-EV	774.00	108.00	110.37		110.46	0.008872	2.37	326.78	241.82	0.36
Chiq-2-Oso	22646	100-EV	23142.00	106.00	117.40		118.00	0.005618	6.32	4013.62	655.56	0.36
Chiq-2-Oso	22646	50-EV	20294.00	106.00	116.73		117.29	0.005455	6.06	3599.97	583.80	0.35
Chiq-2-Oso	22646	25-EV	16913.00	106.00	115.78		116.28	0.005423	5.73	3058.99	528.74	0.35
Chiq-2-Oso	22646	10-EV	7591.00	106.00	112.21		112.51	0.006074	4.43	1711.67	331.19	0.34
Chiq-2-Oso	22646	5-EV	2832.00	106.00	109.55		109.72	0.007854	3.32	852.83	312.42	0.35
Chiq-2-Oso	22646	2-EV	774.00	106.00	107.97		108.03	0.007382	2.02	382.33	285.34	0.31
Chiq-2-Oso	22346	100-EV	23142.00	104.00	116.09	110.52	116.61	0.003783	5.93	4332.59	654.80	0.33

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	22346	50-EV	20294.00	104.00	115.46	110.04	115.93	0.003672	5.62	3952.86	593.23	0.32
Chiq-2-Oso	22346	25-EV	16913.00	104.00	114.49	109.42	114.92	0.003729	5.31	3385.49	582.96	0.32
Chiq-2-Oso	22346	10-EV	7591.00	104.00	110.79	107.38	111.05	0.003925	4.14	1835.15	324.69	0.31
Chiq-2-Oso	22346	5-EV	2832.00	104.00	107.73	105.89	107.89	0.004848	3.16	897.09	287.88	0.32
Chiq-2-Oso	22346	2-EV	774.00	104.00	105.56	104.85	105.65	0.008607	2.45	315.52	238.22	0.38
Chiq-2-Oso	22046	100-EV	23142.00	102.00	114.90	109.51	115.50	0.003540	6.48	4299.59	728.83	0.35
Chiq-2-Oso	22046	50-EV	20294.00	102.00	114.31	108.97	114.86	0.003402	6.16	3873.87	708.53	0.35
Chiq-2-Oso	22046	25-EV	16913.00	102.00	113.31	108.27	113.84	0.003463	5.90	3190.74	655.24	0.35
Chiq-2-Oso	22046	10-EV	7591.00	102.00	109.70	105.97	110.00	0.003108	4.41	1720.98	280.43	0.31
Chiq-2-Oso	22046	5-EV	2832.00	102.00	106.67	104.21	106.82	0.002724	3.08	920.33	245.88	0.28
Chiq-2-Oso	22046	2-EV	774.00	102.00	104.43	103.01	104.49	0.002182	1.88	411.88	203.30	0.23
Chiq-2-Oso	21746	100-EV	23142.00	100.10	113.49	108.91	114.19	0.005426	7.13	4057.01	766.95	0.39
Chiq-2-Oso	21746	50-EV	20294.00	100.10	112.94	108.38	113.60	0.005273	6.78	3643.78	745.93	0.38
Chiq-2-Oso	21746	25-EV	16913.00	100.10	111.78	107.69	112.46	0.006175	6.76	2818.82	610.27	0.40
Chiq-2-Oso	21746	10-EV	7591.00	100.10	108.29	105.39	108.70	0.006387	5.16	1471.95	261.11	0.38
Chiq-2-Oso	21746	5-EV	2832.00	100.10	105.30	103.62	105.54	0.007480	3.89	727.70	231.43	0.39
Chiq-2-Oso	21746	2-EV	774.00	100.10	103.12	102.44	103.25	0.010527	2.88	268.82	187.66	0.42
Chiq-2-Oso	21446	100-EV	23142.00	98.00	112.61	107.38	112.97	0.002718	5.09	4992.47	632.21	0.29
Chiq-2-Oso	21446	50-EV	20294.00	98.00	111.65	106.74	112.19	0.004023	5.90	3441.15	403.34	0.36
Chiq-2-Oso	21446	25-EV	16913.00	98.00	110.33	105.86	110.85	0.004437	5.79	2919.18	390.14	0.37
Chiq-2-Oso	21446	10-EV	7591.00	98.00	106.76	103.62	107.11	0.004352	4.74	1601.21	318.47	0.37
Chiq-2-Oso	21446	5-EV	2832.00	98.00	103.59	101.58	103.81	0.004541	3.76	753.78	246.25	0.38
Chiq-2-Oso	21446	2-EV	774.00	98.00	101.31	100.04	101.41	0.003958	2.56	302.23	159.64	0.33
Chiq-2-Oso	21146	100-EV	23142.00	98.00	111.52	105.74	111.96	0.004227	5.29	4376.38	499.06	0.31
Chiq-2-Oso	21146	50-EV	20294.00	98.00	110.48	105.19	110.91	0.004306	5.24	3871.88	464.92	0.32
Chiq-2-Oso	21146	25-EV	16913.00	98.00	108.96	104.35	109.39	0.005158	5.30	3191.94	436.97	0.35
Chiq-2-Oso	21146	10-EV	7591.00	98.00	105.18	101.82	105.51	0.006668	4.62	1643.64	348.82	0.38
Chiq-2-Oso	21146	5-EV	2832.00	98.00	102.32	100.12	102.48	0.004230	3.26	867.78	238.70	0.30
Chiq-2-Oso	21146	2-EV	774.00	98.00	100.01	98.94	100.09	0.004845	2.21	350.03	203.81	0.30
Chiq-2-Oso	20888	100-EV	23142.00	96.00	111.02	107.38	111.26	0.001621	3.99	5803.91	509.78	0.21
Chiq-2-Oso	20888	50-EV	20294.00	96.00	109.96	107.38	110.19	0.001690	3.85	5266.48	504.65	0.21
Chiq-2-Oso	20888	25-EV	16913.00	96.00	108.34	105.86	108.56	0.001935	3.79	4457.49	488.52	0.22
Chiq-2-Oso	20888	10-EV	7591.00	96.00	104.52	102.64	104.64	0.001805	2.83	2683.37	443.65	0.20
Chiq-2-Oso	20888	5-EV	2832.00	96.00	101.74	100.12	101.80	0.001695	1.92	1477.21	423.26	0.18
Chiq-2-Oso	20888	2-EV	774.00	96.00	99.54	98.94	99.56	0.001057	1.18	654.20	280.56	0.14
Chiq-2-Oso	20628	100-EV	23142.00	96.02	110.52	107.38	110.80	0.001906	4.25	5450.40	500.79	0.23
Chiq-2-Oso	20628	50-EV	20294.00	96.02	109.44	107.38	109.70	0.002047	4.14	4907.31	497.38	0.23
Chiq-2-Oso	20628	25-EV	16913.00	96.02	107.70	105.86	107.97	0.002628	4.18	4050.71	491.95	0.26
Chiq-2-Oso	20628	10-EV	7591.00	96.02	103.75	102.64	103.94	0.004240	3.56	2129.33	478.54	0.30
Chiq-2-Oso	20628	5-EV	2832.00	96.02	100.99	100.12	101.11	0.004431	2.79	1016.39	338.75	0.28
Chiq-2-Oso	20628	2-EV	774.00	96.02	99.01	98.94	99.06	0.004368	1.86	416.62	255.70	0.26
Chiq-2-Oso	20214	100-EV	23142.00	93.43	110.04	107.38	110.21	0.001000	3.31	6983.88	669.14	0.18
Chiq-2-Oso	20214	50-EV	20294.00	93.43	108.91	107.38	109.07	0.001077	3.26	6231.69	654.58	0.19
Chiq-2-Oso	20214	25-EV	16913.00	93.43	106.99	105.86	107.17	0.001405	3.37	5013.78	609.29	0.21
Chiq-2-Oso	20214	10-EV	7591.00	93.43	102.65	102.64	102.78	0.001940	2.89	2629.64	509.60	0.22
Chiq-2-Oso	20214	5-EV	2832.00	93.43	99.45	99.01	99.56	0.003215	2.61	1086.96	404.34	0.28
Chiq-2-Oso	20214	2-EV	774.00	93.43	97.40	97.45	97.45	0.003522	1.77	438.38	249.83	0.23
Chiq-2-Oso	19936	100-EV	23142.00	92.08	109.39	102.45	109.74	0.002562	5.02	5070.25	804.14	0.35
Chiq-2-Oso	19936	50-EV	20294.00	92.08	108.08	101.61	108.52	0.002973	5.66	4052.06	623.72	0.37
Chiq-2-Oso	19936	25-EV	16913.00	92.08	105.75	100.83	106.38	0.004640	6.33	2870.03	458.44	0.40
Chiq-2-Oso	19936	10-EV	7591.00	92.08	101.24	98.15	101.77	0.006188	5.85	1297.45	204.43	0.41
Chiq-2-Oso	19936	5-EV	2832.00	92.08	97.79	96.21	98.11	0.008730	4.52	626.31	184.34	0.43
Chiq-2-Oso	19936	2-EV	774.00	92.08	95.77	94.92	95.90	0.009691	2.85	271.14	165.66	0.39
Chiq-2-Oso	19803		Bridge									
Chiq-2-Oso	19802	100-EV	23190.00	90.60	106.36	107.38	107.23	0.005751	7.53	3256.94	514.33	0.40
Chiq-2-Oso	19802	50-EV	20337.00	90.60	105.60	106.39	106.39	0.005398	7.14	2898.46	387.38	0.38
Chiq-2-Oso	19802	25-EV	16945.00	90.60	104.43	105.12	105.12	0.005111	6.68	2537.50	254.08	0.37
Chiq-2-Oso	19802	10-EV	7592.00	90.60	100.40	100.76	100.76	0.003896	4.82	1576.17	224.17	0.32
Chiq-2-Oso	19802	5-EV	2835.00	90.60	96.73	96.92	96.92	0.004144	3.55	798.87	199.18	0.31
Chiq-2-Oso	19802	2-EV	752.00	90.60	94.07	94.17	94.17	0.005349	2.52	298.93	156.10	0.32
Chiq-2-Oso	19502	100-EV	23190.00	88.98	105.78	107.38	106.01	0.001848	3.87	6117.39	693.49	0.21
Chiq-2-Oso	19502	50-EV	20337.00	88.98	105.01	105.22	105.22	0.001831	3.68	5604.72	652.54	0.20
Chiq-2-Oso	19502	25-EV	16945.00	88.98	103.79	103.98	103.98	0.001944	3.51	4840.59	589.99	0.21
Chiq-2-Oso	19502	10-EV	7592.00	88.98	99.51	99.64	99.64	0.002910	2.96	2562.97	514.91	0.23
Chiq-2-Oso	19502	5-EV	2835.00	88.98	95.50	95.65	95.65	0.004183	3.10	913.79	278.36	0.30
Chiq-2-Oso	19502	2-EV	752.00	88.98	92.32	90.94	92.48	0.005815	3.24	232.31	103.20	0.38
Chiq-2-Oso	19051	100-EV	23190.00	85.16	104.33	97.88	104.77	0.004325	5.47	4617.45	627.81	0.31
Chiq-2-Oso	19051	50-EV	20337.00	85.16	103.54	97.07	103.96	0.004608	5.34	4123.07	618.70	0.31
Chiq-2-Oso	19051	25-EV	16945.00	85.16	102.17	96.18	102.62	0.005052	5.42	3310.32	556.96	0.33

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	19051	10-EV	7592.00	85.16	97.50	93.32	97.87	0.005458	4.84	1569.18	268.66	0.35
Chiq-2-Oso	19051	5-EV	2835.00	85.16	92.94	90.37	93.27	0.006766	4.59	617.36	173.20	0.43
Chiq-2-Oso	19051	2-EV	752.00	85.16	89.30	87.98	89.54	0.007335	3.92	191.76	75.72	0.43
Chiq-2-Oso	18639	100-EV	23190.00	83.82	102.26	94.38	102.86	0.004837	6.36	3917.01	465.92	0.34
Chiq-2-Oso	18639	50-EV	20337.00	83.82	101.57	93.66	102.11	0.004325	5.97	3615.95	413.72	0.32
Chiq-2-Oso	18639	25-EV	16945.00	83.82	100.24	92.73	100.74	0.004091	5.75	3094.14	368.30	0.31
Chiq-2-Oso	18639	10-EV	7592.00	83.82	96.02	89.54	96.28	0.002764	4.14	1833.18	218.00	0.25
Chiq-2-Oso	18639	5-EV	2835.00	83.82	91.56	87.17	91.69	0.002323	2.93	968.79	171.46	0.22
Chiq-2-Oso	18639	2-EV	752.00	83.82	88.19	85.50	88.23	0.001648	1.66	451.74	137.09	0.16
Chiq-2-Oso	18111	100-EV	23190.00	82.72	98.05		98.70	0.015093	6.43	3608.47	737.97	0.51
Chiq-2-Oso	18111	50-EV	20337.00	82.72	97.42		98.07	0.016819	6.46	3148.09	694.17	0.53
Chiq-2-Oso	18111	25-EV	16945.00	82.72	96.27		96.98	0.015149	6.76	2507.15	493.61	0.53
Chiq-2-Oso	18111	10-EV	7592.00	82.72	92.72		93.38	0.015141	6.50	1168.51	259.40	0.54
Chiq-2-Oso	18111	5-EV	2835.00	82.72	89.09		89.51	0.008910	5.23	542.52	130.12	0.45
Chiq-2-Oso	18111	2-EV	752.00	82.72	86.34		86.53	0.008657	3.42	219.81	105.75	0.42
Chiq-2-Oso	17706	100-EV	23190.00	79.52	94.91	90.05	95.54	0.004734	6.40	3873.35	695.14	0.39
Chiq-2-Oso	17706	50-EV	20337.00	79.52	94.26	89.53	94.84	0.004592	6.12	3450.92	608.56	0.38
Chiq-2-Oso	17706	25-EV	16945.00	79.52	92.06	88.83	92.82	0.007387	7.00	2420.07	388.66	0.49
Chiq-2-Oso	17706	10-EV	7592.00	79.52	88.72	86.27	89.23	0.007248	5.73	1325.87	278.82	0.46
Chiq-2-Oso	17706	5-EV	2835.00	79.52	85.42	83.81	85.82	0.009256	5.11	554.89	174.93	0.51
Chiq-2-Oso	17706	2-EV	752.00	79.52	82.88	81.90	83.08	0.008309	3.63	207.40	105.71	0.46
Chiq-2-Oso	17618	100-EV	23190.00	78.87	94.38	87.95	95.10	0.004872	6.93	3647.51	652.33	0.38
Chiq-2-Oso	17618	50-EV	20337.00	78.87	93.79	87.27	94.43	0.004515	6.53	3320.21	580.30	0.37
Chiq-2-Oso	17618	25-EV	16945.00	78.87	91.45	86.44	92.23	0.006071	7.11	2389.34	304.94	0.42
Chiq-2-Oso	17618	10-EV	7592.00	78.87	88.43	83.59	88.76	0.003352	4.60	1649.23	224.99	0.30
Chiq-2-Oso	17618	5-EV	2835.00	78.87	85.28	81.48	85.41	0.002023	2.86	992.52	192.73	0.22
Chiq-2-Oso	17618	2-EV	752.00	78.87	82.83	80.02	82.86	0.000823	1.37	550.03	168.38	0.13
Chiq-2-Oso	17514	100-EV	23190.00	78.31	93.99	89.47	94.53	0.005201	5.98	4217.21	878.41	0.36
Chiq-2-Oso	17514	50-EV	20337.00	78.31	93.39	89.04	93.89	0.005139	5.74	3763.99	824.51	0.36
Chiq-2-Oso	17514	25-EV	16945.00	78.31	90.47	88.48	91.34	0.012820	7.51	2256.74	398.65	0.56
Chiq-2-Oso	17514	10-EV	7592.00	78.31	87.14	85.70	87.99	0.021369	7.42	1023.19	315.72	0.73
Chiq-2-Oso	17514	5-EV	2835.00	78.31	84.36	83.22	84.91	0.015852	5.95	476.42	146.37	0.58
Chiq-2-Oso	17514	2-EV	752.00	78.31	82.48	81.32	82.65	0.009203	3.29	228.38	115.92	0.41
Chiq-2-Oso	17407	100-EV	31315.00	77.06	92.18	89.52	93.64	0.010153	9.81	3529.40	837.37	0.59
Chiq-2-Oso	17407	50-EV	28150.00	77.06	91.56	89.02	93.00	0.010387	9.66	3092.69	673.07	0.60
Chiq-2-Oso	17407	25-EV	17091.00	77.06	88.87	87.09	90.05	0.010862	8.70	1965.09	334.13	0.63
Chiq-2-Oso	17407	10-EV	7541.00	77.06	85.45	83.96	86.36	0.011309	7.64	986.43	216.58	0.63
Chiq-2-Oso	17407	5-EV	2801.00	77.06	82.15	81.77	82.97	0.020254	7.26	385.60	152.15	0.80
Chiq-2-Oso	17407	2-EV	871.00	77.06	79.76	79.76	80.60	0.044646	7.37	118.23	70.44	1.00
Chiq-2-Oso	17310	100-EV	31315.00	75.75	91.99	86.74	92.74	0.005227	7.11	4818.62	741.88	0.38
Chiq-2-Oso	17310	50-EV	28150.00	75.75	91.38	86.23	92.08	0.005199	6.86	4412.52	619.75	0.38
Chiq-2-Oso	17310	25-EV	17091.00	75.75	88.63	84.02	89.15	0.005136	5.82	3041.79	438.92	0.36
Chiq-2-Oso	17310	10-EV	7541.00	75.75	85.21	81.07	85.51	0.004619	4.41	1708.30	312.22	0.33
Chiq-2-Oso	17310	5-EV	2801.00	75.75	82.05	78.93	82.21	0.002685	3.16	885.22	206.58	0.27
Chiq-2-Oso	17310	2-EV	871.00	75.75	79.60	77.61	79.67	0.001692	1.99	438.35	160.49	0.21
Chiq-2-Oso	16902	100-EV	31315.00	74.69	89.97	84.95	90.72	0.004672	6.96	4548.89	705.63	0.45
Chiq-2-Oso	16902	50-EV	28150.00	74.69	89.31	84.47	90.05	0.004770	6.88	4107.14	633.50	0.46
Chiq-2-Oso	16902	25-EV	17091.00	74.69	86.66	82.55	87.24	0.004276	6.09	2805.41	389.64	0.40
Chiq-2-Oso	16902	10-EV	7541.00	74.69	83.66	80.47	83.95	0.003210	4.29	1756.24	323.22	0.32
Chiq-2-Oso	16902	5-EV	2801.00	74.69	80.89	78.59	81.03	0.003097	3.07	913.42	287.34	0.30
Chiq-2-Oso	16902	2-EV	871.00	74.69	78.44	77.00	78.55	0.005056	2.74	318.04	163.44	0.35
Chiq-2-Oso	16381	100-EV	31315.00	72.46	88.31	83.44	88.69	0.002985	4.94	6336.38	771.20	0.30
Chiq-2-Oso	16381	50-EV	28150.00	72.46	87.58	83.15	87.95	0.003129	4.87	5774.81	764.79	0.31
Chiq-2-Oso	16381	25-EV	17091.00	72.46	84.69	81.90	85.03	0.003942	4.71	3625.59	710.02	0.37
Chiq-2-Oso	16381	10-EV	7541.00	72.46	81.33	78.88	81.76	0.005680	5.25	1436.06	497.88	0.55
Chiq-2-Oso	16381	5-EV	2801.00	72.46	78.99	76.26	79.22	0.003891	3.85	728.33	202.73	0.36
Chiq-2-Oso	16381	2-EV	871.00	72.46	77.02	74.57	77.09	0.001768	2.18	399.57	131.44	0.22
Chiq-2-Oso	16031	100-EV	31315.00	71.92	87.31	80.99	87.66	0.002852	4.69	6670.59	865.68	0.30
Chiq-2-Oso	16031	50-EV	28150.00	71.92	86.51	80.57	86.86	0.003053	4.71	5981.87	854.01	0.31
Chiq-2-Oso	16031	25-EV	17091.00	71.92	83.29	78.89	83.65	0.003899	4.84	3533.79	583.29	0.35
Chiq-2-Oso	16031	10-EV	7541.00	71.92	79.23	76.96	79.57	0.006728	4.66	1618.98	390.29	0.40
Chiq-2-Oso	16031	5-EV	2801.00	71.92	76.30	75.70	76.62	0.019401	4.52	619.55	322.16	0.57
Chiq-2-Oso	16031	2-EV	871.00	71.92	74.84	74.84	75.21	0.070940	4.85	179.76	246.86	1.00
Chiq-2-Oso	15581	100-EV	31315.00	68.33	83.82	79.13	85.39	0.009578	10.04	3119.24	280.22	0.53
Chiq-2-Oso	15581	50-EV	28150.00	68.33	83.03	78.45	84.49	0.009693	9.71	2898.58	274.72	0.53
Chiq-2-Oso	15581	25-EV	17091.00	68.33	80.13	75.78	81.13	0.008250	7.99	2138.50	248.94	0.48
Chiq-2-Oso	15581	10-EV	7541.00	68.33	76.51	72.90	77.00	0.004873	5.60	1346.62	197.86	0.38
Chiq-2-Oso	15581	5-EV	2801.00	68.33	73.73	70.89	73.91	0.002842	3.41	822.30	179.51	0.28
Chiq-2-Oso	15581	2-EV	871.00	68.33	71.72	69.70	71.77	0.001478	1.83	475.55	166.24	0.19

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Chiq-2-Oso	15118	100-EV	31315.00	67.83	81.29	76.17	82.24	0.004256	7.83	4000.03	395.63	0.43
Chiq-2-Oso	15118	50-EV	28150.00	67.83	80.27	75.70	81.21	0.004680	7.81	3605.79	376.30	0.44
Chiq-2-Oso	15118	25-EV	17091.00	67.83	77.44	73.88	78.11	0.004773	6.58	2598.94	343.80	0.42
Chiq-2-Oso	15118	10-EV	7541.00	67.83	74.52	71.91	74.86	0.004093	4.63	1628.36	321.84	0.36
Chiq-2-Oso	15118	5-EV	2801.00	67.83	72.37	70.57	72.50	0.003128	2.94	951.78	305.84	0.29
Chiq-2-Oso	15118	2-EV	871.00	67.83	70.87	69.30	70.92	0.002382	1.74	501.62	293.78	0.23
Chiq-2-Oso	14486		Bridge									
Chiq-2-Oso	14485	100-EV	31315.00	61.96	79.72	71.18	80.68	0.000605	7.83	4005.68	291.22	0.35
Chiq-2-Oso	14485	50-EV	28150.00	61.96	78.54	70.57	79.44	0.000635	7.61	3700.38	259.23	0.35
Chiq-2-Oso	14485	25-EV	17091.00	61.96	73.87	68.21	74.57	0.000752	6.73	2540.32	239.38	0.36
Chiq-2-Oso	14485	10-EV	7541.00	61.96	68.74	65.64	69.22	0.001034	5.52	1366.99	217.92	0.39
Chiq-2-Oso	14485	5-EV	2801.00	61.96	65.38	63.89	65.66	0.001507	4.26	658.01	202.97	0.42
Chiq-2-Oso	14485	2-EV	871.00	61.96	63.60	62.85	63.73	0.001764	2.84	306.87	192.91	0.40
Chiq-2-Oso	14277	100-EV	31315.00	61.13	77.41	73.08	79.98	0.001970	12.86	2434.65	176.22	0.61
Chiq-2-Oso	14277	50-EV	28150.00	61.13	76.31	72.31	78.76	0.002041	12.55	2243.05	172.62	0.61
Chiq-2-Oso	14277	25-EV	17091.00	61.13	72.00	69.26	73.94	0.002422	11.17	1529.44	158.49	0.63
Chiq-2-Oso	14277	10-EV	7541.00	61.13	67.30	65.91	68.61	0.003310	9.19	820.29	143.08	0.68
Chiq-2-Oso	14277	5-EV	2801.00	61.13	64.18	63.63	64.98	0.004991	7.19	389.39	132.85	0.74
Chiq-2-Oso	14277	2-EV	871.00	61.13	62.33	62.28	62.86	0.010917	5.80	150.15	126.81	0.94
Chiq-2-Oso	14166	100-EV	31315.00	59.38	77.49	71.82	79.53	0.001450	11.48	2728.15	187.06	0.53
Chiq-2-Oso	14166	50-EV	28150.00	59.38	76.38	71.05	78.31	0.001487	11.16	2522.54	183.24	0.53
Chiq-2-Oso	14166	25-EV	17091.00	59.38	72.02	68.06	73.49	0.001647	9.73	1756.48	168.22	0.53
Chiq-2-Oso	14166	10-EV	7541.00	59.38	67.23	64.80	68.13	0.001901	7.61	991.13	151.74	0.52
Chiq-2-Oso	14166	5-EV	2801.00	59.38	64.02	62.56	64.47	0.002038	5.38	521.01	140.66	0.49
Chiq-2-Oso	14166	2-EV	871.00	59.38	62.04	61.25	62.23	0.002145	3.48	249.98	133.85	0.45
Chiq-2-Oso	13965		Bridge									
Chiq-2-Oso	13964	100-EV	31315.00	59.29	77.04	71.26	79.04	0.001433	11.37	2755.08	188.27	0.52
Chiq-2-Oso	13964	50-EV	28150.00	59.29	75.92	70.50	77.82	0.001490	11.05	2546.46	184.41	0.52
Chiq-2-Oso	13964	25-EV	17091.00	59.29	71.52	67.53	72.97	0.001776	9.66	1768.72	169.26	0.53
Chiq-2-Oso	13964	10-EV	7541.00	59.29	66.65	64.28	67.56	0.002316	7.65	985.61	152.49	0.53
Chiq-2-Oso	13964	5-EV	2801.00	59.29	63.38	62.06	63.86	0.002865	5.54	505.48	141.22	0.52
Chiq-2-Oso	13964	2-EV	871.00	59.29	61.22	60.75	61.49	0.005176	4.17	208.63	133.79	0.59
Chiq-2-Oso	13772	100-EV	31315.00	56.94	76.44	70.77	78.68	0.001550	12.03	2603.41	235.05	0.54
Chiq-2-Oso	13772	50-EV	28150.00	56.94	75.36	69.96	77.46	0.001594	11.62	2421.87	203.36	0.54
Chiq-2-Oso	13772	25-EV	17091.00	56.94	71.09	66.81	72.61	0.001745	9.89	1727.26	155.92	0.52
Chiq-2-Oso	13772	10-EV	7541.00	56.94	66.27	63.35	67.13	0.001921	7.45	1012.72	140.74	0.49
Chiq-2-Oso	13772	5-EV	2801.00	56.94	63.01	60.97	63.38	0.001735	4.91	570.68	130.46	0.41
Chiq-2-Oso	13772	2-EV	871.00	56.94	60.77	59.26	60.92	0.001628	3.04	286.63	123.41	0.35
Chiq-2-Oso	13595	100-EV	31315.00	57.59	75.67	70.85	78.28	0.001875	12.96	2417.17	213.20	0.59
Chiq-2-Oso	13595	50-EV	28150.00	57.59	74.61	70.02	77.05	0.001928	12.52	2248.43	202.46	0.59
Chiq-2-Oso	13595	25-EV	17091.00	57.59	70.41	66.80	72.19	0.002153	10.71	1595.71	148.96	0.58
Chiq-2-Oso	13595	10-EV	7541.00	57.59	65.65	63.26	66.69	0.002493	8.18	921.60	134.64	0.55
Chiq-2-Oso	13595	5-EV	2801.00	57.59	62.56	60.84	63.01	0.002244	5.39	520.07	125.34	0.47
Chiq-2-Oso	13595	2-EV	871.00	57.59	60.38	59.30	60.56	0.002329	3.44	253.46	118.75	0.41
Chiq-2-Oso	13428		Bridge									
Chiq-2-Oso	13427	100-EV	31315.00	55.69	68.09	67.22	71.99	0.003769	15.85	1975.53	197.93	0.88
Chiq-2-Oso	13427	50-EV	28150.00	55.69	67.21	66.54	70.99	0.004072	15.60	1804.34	193.75	0.90
Chiq-2-Oso	13427	25-EV	17091.00	55.69	64.20	63.84	67.15	0.005049	13.78	1240.00	180.98	0.93
Chiq-2-Oso	13427	10-EV	7541.00	55.69	60.92	60.90	62.90	0.007373	11.27	669.17	167.40	0.99
Chiq-2-Oso	13427	5-EV	2801.00	55.69	58.99	58.86	59.96	0.008130	7.89	354.97	155.62	0.92
Chiq-2-Oso	13427	2-EV	871.00	55.69	57.93	57.60	58.24	0.005672	4.47	194.67	148.25	0.69
Chiq-2-Oso	13088	100-EV	31315.00	53.14	67.15		70.68	0.002936	15.07	2077.30	181.42	0.79
Chiq-2-Oso	13088	50-EV	28150.00	53.14	66.21		69.59	0.003111	14.75	1908.87	177.90	0.79
Chiq-2-Oso	13088	25-EV	17091.00	53.14	63.10		65.50	0.003314	12.45	1373.21	166.20	0.76
Chiq-2-Oso	13088	10-EV	7541.00	53.14	59.26		60.78	0.004348	9.87	763.88	151.79	0.78
Chiq-2-Oso	13088	5-EV	2801.00	53.14	56.59		57.47	0.006405	7.54	371.62	141.75	0.82
Chiq-2-Oso	13088	2-EV	871.00	53.14	54.77	54.77	55.39	0.012551	6.32	137.91	113.36	1.01
Oso-2-Ocean	12592	100-EV	32088.00	50.03	68.09		69.32	0.000778	8.92	3595.74	249.90	0.41
Oso-2-Ocean	12592	50-EV	28749.00	50.03	67.09		68.23	0.000785	8.59	3348.52	245.91	0.41
Oso-2-Ocean	12592	25-EV	17454.00	50.03	63.59		64.34	0.000731	6.95	2512.86	231.92	0.37
Oso-2-Ocean	12592	10-EV	7725.00	50.03	59.40		59.77	0.000654	4.90	1575.33	215.14	0.32
Oso-2-Ocean	12592	5-EV	3008.00	50.03	56.55		56.70	0.000470	3.07	979.45	203.76	0.25
Oso-2-Ocean	12592	2-EV	983.00	50.03	54.48		54.52	0.000269	1.72	571.35	184.60	0.17
Oso-2-Ocean	12293	100-EV	45346.00	50.16	63.58	63.14	68.42	0.004628	17.65	2569.47	239.08	0.95
Oso-2-Ocean	12293	50-EV	40722.00	50.16	62.67	62.38	67.32	0.004966	17.31	2352.71	235.42	0.97
Oso-2-Ocean	12293	25-EV	26010.00	50.16	59.77	59.68	63.46	0.005962	15.40	1688.65	223.85	0.99
Oso-2-Ocean	12293	10-EV	12404.00	50.16	56.89	56.60	59.02	0.006249	11.71	1059.28	212.31	0.92
Oso-2-Ocean	12293	5-EV	5619.00	50.16	54.94		56.09	0.006277	8.59	654.24	204.54	0.85

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Oso-2-Ocean	12293	2-EV	2249.00	50.16	53.46		54.07	0.006085	6.26	359.31	173.85	0.77
Oso-2-Ocean	11991	100-EV	45346.00	47.56	63.28		66.97	0.002988	15.41	2942.71	245.11	0.78
Oso-2-Ocean	11991	50-EV	40722.00	47.56	62.25		65.80	0.003212	15.13	2692.22	240.99	0.80
Oso-2-Ocean	11991	25-EV	26010.00	47.56	58.77		61.75	0.004212	13.84	1879.11	227.09	0.85
Oso-2-Ocean	11991	10-EV	12404.00	47.56	55.26	54.77	57.21	0.005424	11.21	1106.26	213.04	0.87
Oso-2-Ocean	11991	5-EV	5619.00	47.56	53.19		54.27	0.005704	8.34	673.66	204.76	0.81
Oso-2-Ocean	11991	2-EV	2249.00	47.56	51.70		52.26	0.005830	6.01	374.49	186.56	0.75
Oso-2-Ocean	11618	100-EV	45346.00	45.04	62.29	59.70	65.93	0.002520	15.29	2965.45	226.18	0.74
Oso-2-Ocean	11618	50-EV	40722.00	45.04	61.21	58.87	64.69	0.002673	14.96	2722.59	221.85	0.75
Oso-2-Ocean	11618	25-EV	26010.00	45.04	57.45	55.95	60.31	0.003387	13.57	1916.23	206.80	0.79
Oso-2-Ocean	11618	10-EV	12404.00	45.04	53.29	52.60	55.30	0.004830	11.37	1090.65	190.16	0.84
Oso-2-Ocean	11618	5-EV	5619.00	45.04	50.76	50.40	52.02	0.006235	9.02	623.14	180.05	0.85
Oso-2-Ocean	11618	2-EV	2249.00	45.04	49.07	48.82	49.80	0.007387	6.84	328.70	160.88	0.84
Oso-2-Ocean	11317	100-EV	45346.00	43.62	58.68	58.64	64.68	0.004696	19.65	2308.20	192.89	1.00
Oso-2-Ocean	11317	50-EV	40722.00	43.62	57.86	57.74	63.43	0.004741	18.93	2151.63	189.62	0.99
Oso-2-Ocean	11317	25-EV	26010.00	43.62	54.90	54.53	58.97	0.004940	16.18	1607.26	177.76	0.95
Oso-2-Ocean	11317	10-EV	12404.00	43.62	51.29		53.72	0.005373	12.50	992.03	163.33	0.89
Oso-2-Ocean	11317	5-EV	5619.00	43.62	48.75		50.16	0.006068	9.54	589.18	153.15	0.86
Oso-2-Ocean	11317	2-EV	2249.00	43.62	46.81		47.64	0.006934	7.29	308.31	130.78	0.84
Oso-2-Ocean	11017	100-EV	45346.00	40.61	58.49		63.14	0.003131	17.30	2621.54	199.31	0.84
Oso-2-Ocean	11017	50-EV	40722.00	40.61	57.60		61.91	0.003151	16.65	2445.56	195.75	0.83
Oso-2-Ocean	11017	25-EV	26010.00	40.61	54.40		57.50	0.003201	14.14	1839.40	182.94	0.79
Oso-2-Ocean	11017	10-EV	12404.00	40.61	50.53		52.30	0.003211	10.67	1162.40	167.49	0.71
Oso-2-Ocean	11017	5-EV	5619.00	40.61	47.79		48.74	0.003172	7.82	718.13	156.52	0.64
Oso-2-Ocean	11017	2-EV	2249.00	40.61	45.75		46.22	0.002994	5.50	408.96	141.00	0.57
Oso-2-Ocean	10717	100-EV	45346.00	40.47	57.67	55.90	62.18	0.002983	17.03	2662.84	200.85	0.82
Oso-2-Ocean	10717	50-EV	40722.00	40.47	56.76	54.99	60.95	0.003013	16.41	2481.20	197.20	0.82
Oso-2-Ocean	10717	25-EV	26010.00	40.47	53.50	51.79	56.54	0.003099	13.99	1858.99	184.15	0.78
Oso-2-Ocean	10717	10-EV	12404.00	40.47	49.60	48.08	51.34	0.003131	10.58	1172.09	168.57	0.71
Oso-2-Ocean	10717	5-EV	5619.00	40.47	46.87	45.61	47.80	0.003056	7.73	726.81	157.65	0.63
Oso-2-Ocean	10717	2-EV	2249.00	40.47	44.89	43.84	45.33	0.002901	5.33	421.89	148.89	0.56
Oso-2-Ocean	10417	100-EV	45346.00	39.73	55.53	54.98	60.97	0.004840	18.70	2425.27	197.09	0.94
Oso-2-Ocean	10417	50-EV	40722.00	39.73	54.70	54.09	59.73	0.004818	18.00	2262.81	193.77	0.93
Oso-2-Ocean	10417	25-EV	26010.00	39.73	51.67	50.89	55.34	0.004769	15.35	1694.58	181.66	0.89
Oso-2-Ocean	10417	10-EV	12404.00	39.73	48.02	47.20	50.16	0.004717	11.72	1058.02	167.06	0.82
Oso-2-Ocean	10417	5-EV	5619.00	39.73	45.49	44.75	46.66	0.004622	8.68	647.36	156.92	0.75
Oso-2-Ocean	10417	2-EV	2249.00	39.73	43.69	42.94	44.26	0.004384	6.06	371.00	147.32	0.67
Oso-2-Ocean	10117	100-EV	45346.00	39.01	54.28	53.60	59.64	0.003931	18.56	2443.50	196.90	0.93
Oso-2-Ocean	10117	50-EV	40722.00	39.01	53.45	52.68	58.41	0.003949	17.85	2281.05	193.57	0.92
Oso-2-Ocean	10117	25-EV	26010.00	39.01	50.39		54.00	0.004089	15.24	1706.64	181.31	0.88
Oso-2-Ocean	10117	10-EV	12404.00	39.01	46.68		48.80	0.004325	11.68	1062.00	166.48	0.82
Oso-2-Ocean	10117	5-EV	5619.00	39.01	44.04		45.25	0.004741	8.83	636.18	155.92	0.77
Oso-2-Ocean	10117	2-EV	2249.00	39.01	42.10		42.77	0.005556	6.57	342.49	143.93	0.75
Oso-2-Ocean	9817	100-EV	45346.00	37.04	53.72	52.14	58.37	0.003141	17.31	2620.20	199.44	0.84
Oso-2-Ocean	9817	50-EV	40722.00	37.04	52.86	51.24	57.15	0.003137	16.62	2450.27	196.00	0.83
Oso-2-Ocean	9817	25-EV	26010.00	37.04	49.69	48.02	52.77	0.003153	14.07	1849.22	183.33	0.78
Oso-2-Ocean	9817	10-EV	12404.00	37.04	45.87	44.29	47.59	0.003082	10.53	1177.87	168.04	0.70
Oso-2-Ocean	9817	5-EV	5619.00	37.04	43.14	41.82	44.05	0.002952	7.65	734.50	157.13	0.62
Oso-2-Ocean	9817	2-EV	2249.00	37.04	41.12	40.04	41.56	0.002769	5.28	425.55	146.71	0.55
Oso-2-Ocean	9517	100-EV	45346.00	36.20	52.16	51.25	57.31	0.003694	18.20	2491.42	198.00	0.90
Oso-2-Ocean	9517	50-EV	40722.00	36.20	51.33		56.08	0.003694	17.48	2329.22	194.69	0.89
Oso-2-Ocean	9517	25-EV	26010.00	36.20	48.34		51.72	0.003669	14.74	1765.05	182.73	0.84
Oso-2-Ocean	9517	10-EV	12404.00	36.20	44.68		46.58	0.003606	11.05	1123.04	168.09	0.75
Oso-2-Ocean	9517	5-EV	5619.00	36.20	42.08		43.08	0.003480	8.04	699.07	157.68	0.67
Oso-2-Ocean	9517	2-EV	2249.00	36.20	40.11		40.61	0.003572	5.67	396.54	149.06	0.61
Oso-2-Ocean	9205	100-EV	45607.00	35.29	50.90	50.10	56.14	0.003771	18.36	2484.20	240.19	0.91
Oso-2-Ocean	9205	50-EV	40948.00	35.29	49.96	49.20	54.89	0.003892	17.81	2299.43	210.78	0.91
Oso-2-Ocean	9205	25-EV	26165.00	35.29	46.61	45.99	50.42	0.004429	15.66	1671.01	180.80	0.91
Oso-2-Ocean	9205	10-EV	12500.00	35.29	42.70	42.28	45.15	0.005441	12.57	994.49	165.15	0.90
Oso-2-Ocean	9205	5-EV	5676.00	35.29	40.15	39.82	41.60	0.006343	9.69	585.85	154.94	0.88
Oso-2-Ocean	9205	2-EV	2279.00	35.29	38.56	38.06	39.24	0.005422	6.57	346.89	143.10	0.74
Oso-2-Ocean	9085	100-EV	45607.00	34.68	50.72	49.36	55.54	0.004031	17.62	2588.92	199.16	0.86
Oso-2-Ocean	9085	50-EV	40948.00	34.68	49.76	48.46	54.28	0.004093	17.07	2398.80	195.30	0.86
Oso-2-Ocean	9085	25-EV	26165.00	34.68	46.31	45.24	49.79	0.004388	14.96	1749.23	181.51	0.85
Oso-2-Ocean	9085	10-EV	12500.00	34.68	42.20	41.50	44.46	0.005106	12.05	1037.48	165.09	0.85
Oso-2-Ocean	9085	5-EV	5676.00	34.68	39.36	39.03	40.83	0.006539	9.70	585.02	153.73	0.88
Oso-2-Ocean	9085	2-EV	2279.00	34.68	37.29	37.29	38.32	0.010352	8.12	280.54	136.33	1.00
Oso-2-Ocean	8985	100-EV	45607.00	33.38	50.81	48.44	54.99	0.003246	16.40	2780.53	201.12	0.78
Oso-2-Ocean	8985	50-EV	40948.00	33.38	49.84	47.52	53.73	0.003252	15.83	2587.01	197.23	0.77

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Oso-2-Ocean	8985	25-EV	26165.00	33.38	46.36	44.27	49.23	0.003258	13.59	1925.57	183.33	0.74
Oso-2-Ocean	8985	10-EV	12500.00	33.38	42.20	40.50	43.89	0.003245	10.44	1196.81	166.67	0.69
Oso-2-Ocean	8985	5-EV	5676.00	33.38	39.28	37.99	40.23	0.003231	7.80	727.53	155.00	0.63
Oso-2-Ocean	8985	2-EV	2279.00	33.38	37.15	36.16	37.64	0.003100	5.56	409.71	140.53	0.57
Oso-2-Ocean	8910	100-EV	45607.00	33.09	50.40	48.28	54.73	0.003373	16.69	2731.89	227.41	0.80
Oso-2-Ocean	8910	50-EV	40948.00	33.09	49.43	47.36	53.47	0.003390	16.13	2538.96	196.78	0.79
Oso-2-Ocean	8910	25-EV	26165.00	33.09	45.96	44.12	48.97	0.003447	13.91	1880.81	182.91	0.76
Oso-2-Ocean	8910	10-EV	12500.00	33.09	41.81	40.37	43.63	0.003552	10.81	1156.61	166.33	0.72
Oso-2-Ocean	8910	5-EV	5676.00	33.09	38.90	37.87	39.95	0.003773	8.23	689.35	154.68	0.69
Oso-2-Ocean	8910	2-EV	2279.00	33.09	36.78	36.08	37.36	0.004111	6.10	373.55	139.78	0.66
Oso-2-Ocean	8610	100-EV	45607.00	31.35	49.65	47.01	53.67	0.003064	16.09	2834.46	281.89	0.76
Oso-2-Ocean	8610	50-EV	40948.00	31.35	48.67	46.10	52.41	0.003066	15.52	2637.77	273.27	0.75
Oso-2-Ocean	8610	25-EV	26165.00	31.35	45.17	42.86	47.92	0.003048	13.30	1967.92	236.55	0.72
Oso-2-Ocean	8610	10-EV	12500.00	31.35	40.99	39.09	42.59	0.002970	10.15	1231.15	167.83	0.66
Oso-2-Ocean	8610	5-EV	5676.00	31.35	38.03	36.59	38.91	0.002912	7.55	751.72	155.99	0.61
Oso-2-Ocean	8610	2-EV	2279.00	31.35	35.82	34.82	36.28	0.002986	5.45	418.02	143.85	0.56
Oso-2-Ocean	8307	100-EV	45707.00	30.12	48.92	45.86	52.71	0.002816	15.62	2925.61	487.80	0.73
Oso-2-Ocean	8307	50-EV	41038.00	30.12	47.94	44.94	51.46	0.002806	15.05	2726.44	406.48	0.72
Oso-2-Ocean	8307	25-EV	26234.00	30.12	44.44	41.70	46.98	0.002723	12.80	2050.04	186.48	0.68
Oso-2-Ocean	8307	10-EV	12542.00	30.12	40.30	37.94	41.72	0.002471	9.56	1311.89	169.91	0.61
Oso-2-Ocean	8307	5-EV	5703.00	30.12	37.39	35.44	38.12	0.002119	6.83	835.25	158.29	0.52
Oso-2-Ocean	8307	2-EV	2293.00	30.12	35.25	33.54	35.57	0.001709	4.54	504.66	148.89	0.44
Oso-2-Ocean	8041	100-EV	45707.00	30.32	45.68	45.60	51.57	0.004537	19.46	2348.33	326.70	0.99
Oso-2-Ocean	8041	50-EV	41038.00	30.32	44.85	44.69	50.32	0.004593	18.77	2186.88	265.36	0.98
Oso-2-Ocean	8041	25-EV	26234.00	30.32	41.83	41.49	45.88	0.004881	16.15	1624.61	180.29	0.95
Oso-2-Ocean	8041	10-EV	12542.00	30.32	38.12	37.80	40.65	0.005711	12.77	982.16	165.42	0.92
Oso-2-Ocean	8041	5-EV	5703.00	30.32	35.57	35.34	37.10	0.006881	9.95	573.37	155.22	0.91
Oso-2-Ocean	8041	2-EV	2293.00	30.32	33.66	33.55	34.63	0.008777	7.88	290.84	131.03	0.93
Oso-2-Ocean	7746	100-EV	45707.00	28.87	45.51	43.82	50.12	0.002935	17.21	2655.99	199.74	0.83
Oso-2-Ocean	7746	50-EV	41038.00	28.87	44.63	42.90	48.88	0.002938	16.54	2481.28	196.21	0.82
Oso-2-Ocean	7746	25-EV	26234.00	28.87	41.44	39.67	44.48	0.002942	13.99	1874.87	183.43	0.77
Oso-2-Ocean	7746	10-EV	12542.00	28.87	37.45	35.92	39.22	0.003031	10.66	1176.03	167.50	0.71
Oso-2-Ocean	7746	5-EV	5703.00	28.87	34.71	33.43	35.65	0.002953	7.80	730.98	156.51	0.64
Oso-2-Ocean	7746	2-EV	2293.00	28.87	32.71	31.61	33.16	0.002676	5.37	427.38	144.81	0.55
Oso-2-Ocean	7417	100-EV	45707.00	28.34	42.80	42.80	48.80	0.004495	19.64	2327.15	239.80	1.00
Oso-2-Ocean	7417	50-EV	41038.00	28.34	41.89	41.89	47.55	0.004653	19.07	2152.03	202.02	1.00
Oso-2-Ocean	7417	25-EV	26234.00	28.34	38.68	38.68	43.07	0.005335	16.81	1561.04	177.65	1.00
Oso-2-Ocean	7417	10-EV	12542.00	28.34	35.28	34.96	37.83	0.005527	12.80	979.56	164.04	0.92
Oso-2-Ocean	7417	5-EV	5703.00	28.34	32.91	32.49	34.30	0.005616	9.47	602.07	154.56	0.85
Oso-2-Ocean	7417	2-EV	2293.00	28.34	31.19	30.81	31.89	0.005818	6.70	342.21	146.49	0.77
Oso-2-Ocean	7118	100-EV	45707.00	25.87	41.16	41.16	47.16	0.004432	19.64	2326.70	225.63	1.00
Oso-2-Ocean	7118	50-EV	41038.00	25.87	40.30	40.25	45.90	0.004523	18.99	2161.18	190.59	0.99
Oso-2-Ocean	7118	25-EV	26234.00	25.87	37.43	37.03	41.45	0.004561	16.08	1631.03	179.12	0.94
Oso-2-Ocean	7118	10-EV	12542.00	25.87	33.91	33.31	36.24	0.004679	12.22	1025.95	165.06	0.86
Oso-2-Ocean	7118	5-EV	5703.00	25.87	31.39	30.84	32.70	0.004955	9.16	622.39	154.97	0.81
Oso-2-Ocean	7118	2-EV	2293.00	25.87	29.53	29.06	30.23	0.005276	6.67	343.60	140.30	0.75
Oso-2-Ocean	6817	100-EV	45707.00	24.71	40.58	39.66	45.73	0.003299	18.21	2510.15	394.42	0.90
Oso-2-Ocean	6817	50-EV	41038.00	24.71	39.73	38.74	44.50	0.003309	17.51	2343.49	358.39	0.89
Oso-2-Ocean	6817	25-EV	26234.00	24.71	36.69	35.54	40.11	0.003316	14.82	1770.13	182.65	0.84
Oso-2-Ocean	6817	10-EV	12542.00	24.71	33.05	31.82	34.96	0.003222	11.09	1130.65	168.06	0.75
Oso-2-Ocean	6817	5-EV	5703.00	24.71	30.43	29.35	31.45	0.003098	8.08	705.53	157.62	0.67
Oso-2-Ocean	6817	2-EV	2293.00	24.71	28.52	27.66	29.00	0.002961	5.58	410.77	149.90	0.59
Oso-2-Ocean	6517	100-EV	45707.00	23.72	39.69	38.61	44.67	0.003414	17.91	2551.45	592.05	0.89
Oso-2-Ocean	6517	50-EV	41038.00	23.72	38.80	37.71	43.44	0.003457	17.27	2375.65	567.26	0.88
Oso-2-Ocean	6517	25-EV	26234.00	23.72	35.67	34.54	39.06	0.003594	14.77	1775.58	219.43	0.84
Oso-2-Ocean	6517	10-EV	12542.00	23.72	31.94	30.86	33.91	0.003711	11.26	1114.25	170.13	0.78
Oso-2-Ocean	6517	5-EV	5703.00	23.72	29.38	28.42	30.44	0.003657	8.25	690.86	159.87	0.70
Oso-2-Ocean	6517	2-EV	2293.00	23.72	27.55	26.78	28.05	0.003420	5.66	405.18	152.55	0.61
Oso-2-Ocean	6217	100-EV	45707.00	22.81	38.98	37.45	43.59	0.003082	17.21	2656.29	401.03	0.84
Oso-2-Ocean	6217	50-EV	41038.00	22.81	38.05	36.54	42.35	0.003144	16.63	2467.46	384.17	0.84
Oso-2-Ocean	6217	25-EV	26234.00	22.81	34.75	33.39	37.96	0.003375	14.37	1825.85	245.53	0.81
Oso-2-Ocean	6217	10-EV	12542.00	22.81	30.85	29.76	32.79	0.003722	11.17	1123.12	172.24	0.77
Oso-2-Ocean	6217	5-EV	5703.00	22.81	28.12	27.34	29.26	0.004204	8.54	688.15	161.33	0.74
Oso-2-Ocean	6217	2-EV	2293.00	22.81	26.20	25.72	26.81	0.004944	6.27	365.78	153.65	0.72
Oso-2-Ocean	5917	100-EV	45707.00	21.95	38.83	35.97	42.55	0.002177	15.48	2952.95	415.95	0.73
Oso-2-Ocean	5917	50-EV	41038.00	21.95	37.84	35.08	41.32	0.002218	14.96	2743.08	400.25	0.73
Oso-2-Ocean	5917	25-EV	26234.00	21.95	34.36	31.96	36.93	0.002339	12.87	2038.49	336.54	0.70
Oso-2-Ocean	5917	10-EV	12542.00	21.95	30.26	28.34	31.76	0.002442	9.85	1272.86	177.88	0.65
Oso-2-Ocean	5917	5-EV	5703.00	21.95	27.37	25.94	28.20	0.002527	7.34	776.48	165.65	0.60
Oso-2-Ocean	5917	2-EV	2293.00	21.95	25.24	24.33	25.68	0.002753	5.28	434.42	156.66	0.56

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Oso-2-Ocean	5617	100-EV	45707.00	20.93	38.47	34.86	41.83	0.001878	14.70	3109.16	506.09	0.68
Oso-2-Ocean	5617	50-EV	41038.00	20.93	37.47	33.97	40.59	0.001901	14.18	2894.01	455.86	0.68
Oso-2-Ocean	5617	25-EV	26234.00	20.93	33.93	30.86	36.20	0.001948	12.09	2170.69	284.82	0.64
Oso-2-Ocean	5617	10-EV	12542.00	20.93	29.77	27.26	31.05	0.001902	9.06	1383.92	180.90	0.58
Oso-2-Ocean	5617	5-EV	5703.00	20.93	26.86	24.88	27.52	0.001756	6.52	874.31	169.25	0.51
Oso-2-Ocean	5617	2-EV	2293.00	20.93	24.73	23.28	25.03	0.001533	4.38	523.05	160.74	0.43
Oso-2-Ocean	5248	100-EV	45707.00	19.58	37.80	34.23	41.10	0.001936	14.56	3139.79	220.97	0.68
Oso-2-Ocean	5248	50-EV	41038.00	19.58	36.77	33.37	39.85	0.001979	14.08	2914.31	216.85	0.68
Oso-2-Ocean	5248	25-EV	26234.00	19.58	33.10	30.32	35.43	0.002160	12.23	2144.94	202.16	0.66
Oso-2-Ocean	5248	10-EV	12542.00	19.58	28.79	26.82	30.22	0.002429	9.57	1311.16	184.93	0.63
Oso-2-Ocean	5248	5-EV	5703.00	19.58	25.89	24.49	26.70	0.002619	7.21	790.95	173.31	0.60
Oso-2-Ocean	5248	2-EV	2293.00	19.58	23.88	22.89	24.28	0.002603	5.08	451.29	162.91	0.54
Oso-2-Ocean	5048		Bridge									
Oso-2-Ocean	5036	100-EV	45707.00	17.96	34.12	32.62	38.64	0.002978	17.06	2679.91	273.29	0.84
Oso-2-Ocean	5036	50-EV	41038.00	17.96	33.28	31.75	37.45	0.002975	16.38	2505.60	267.31	0.83
Oso-2-Ocean	5036	25-EV	26234.00	17.96	30.18	28.66	33.20	0.003047	13.94	1881.76	243.90	0.79
Oso-2-Ocean	5036	10-EV	12542.00	17.96	26.51	25.13	28.22	0.003048	10.51	1192.88	180.10	0.72
Oso-2-Ocean	5036	5-EV	5703.00	17.96	23.91	22.78	24.84	0.003007	7.71	739.41	169.73	0.65
Oso-2-Ocean	5036	2-EV	2293.00	17.96	22.01	21.19	22.46	0.002994	5.39	425.04	160.56	0.58
Oso-2-Ocean	4855	100-EV	45707.00	17.51	33.69	31.89	37.99	0.002939	16.63	2749.29	277.80	0.82
Oso-2-Ocean	4855	50-EV	41038.00	17.51	32.85	31.02	36.81	0.002932	15.96	2571.93	266.70	0.80
Oso-2-Ocean	4855	25-EV	26234.00	17.51	29.71	27.96	32.57	0.002996	13.57	1933.70	218.53	0.76
Oso-2-Ocean	4855	10-EV	12542.00	17.51	26.02	24.44	27.62	0.002937	10.16	1233.98	182.08	0.69
Oso-2-Ocean	4855	5-EV	5703.00	17.51	23.43	22.10	24.27	0.002759	7.34	776.69	171.74	0.61
Oso-2-Ocean	4855	2-EV	2293.00	17.51	21.55	20.52	21.94	0.002493	4.98	460.42	164.20	0.52
Oso-2-Ocean	4555	100-EV	45707.00	17.04	31.03	31.03	36.75	0.004744	19.17	2383.81	442.47	1.00
Oso-2-Ocean	4555	50-EV	41038.00	17.04	30.18	30.18	35.55	0.004902	18.60	2206.60	415.63	1.00
Oso-2-Ocean	4555	25-EV	26234.00	17.04	27.40	27.15	31.32	0.005099	15.88	1652.26	291.52	0.96
Oso-2-Ocean	4555	10-EV	12542.00	17.04	24.09	23.68	26.39	0.005403	12.16	1031.48	180.83	0.90
Oso-2-Ocean	4555	5-EV	5703.00	17.04	21.82	21.38	23.09	0.005597	9.04	631.16	171.75	0.83
Oso-2-Ocean	4555	2-EV	2293.00	17.04	20.28	19.84	20.87	0.005233	6.18	370.82	165.57	0.73
Oso-2-Ocean	4255	100-EV	45707.00	14.96	30.30	29.37	35.19	0.003756	17.74	2576.97	397.50	0.90
Oso-2-Ocean	4255	50-EV	41038.00	14.96	29.45	28.52	34.00	0.003814	17.11	2398.25	388.12	0.89
Oso-2-Ocean	4255	25-EV	26234.00	14.96	26.48	25.49	29.80	0.003950	14.60	1797.29	333.28	0.85
Oso-2-Ocean	4255	10-EV	12542.00	14.96	22.88	22.01	24.85	0.004273	11.26	1114.22	182.47	0.80
Oso-2-Ocean	4255	5-EV	5703.00	14.96	20.32	19.72	21.48	0.004911	8.64	660.31	172.23	0.78
Oso-2-Ocean	4255	2-EV	2293.00	14.96	18.43	18.11	19.12	0.006439	6.66	344.20	158.70	0.80
Oso-2-Ocean	3955	100-EV	45707.00	13.95	30.05	27.72	33.96	0.002603	15.88	2878.48	434.36	0.77
Oso-2-Ocean	3955	50-EV	41038.00	13.95	29.15	26.86	32.78	0.002618	15.28	2685.85	421.46	0.76
Oso-2-Ocean	3955	25-EV	26234.00	13.95	26.06	23.83	28.62	0.002581	12.85	2042.06	336.06	0.71
Oso-2-Ocean	3955	10-EV	12542.00	13.95	22.32	20.35	23.73	0.002443	9.52	1317.11	186.74	0.63
Oso-2-Ocean	3955	5-EV	5703.00	13.95	19.68	18.05	20.40	0.002225	6.82	836.76	176.15	0.55
Oso-2-Ocean	3955	2-EV	2293.00	13.95	17.66	16.45	18.00	0.002100	4.69	489.43	168.08	0.48
Oso-2-Ocean	3655	100-EV	45934.00	13.31	27.75	27.17	32.87	0.004199	18.14	2532.54	337.32	0.93
Oso-2-Ocean	3655	50-EV	41237.00	13.31	27.00	26.32	31.70	0.004183	17.39	2370.97	329.47	0.92
Oso-2-Ocean	3655	25-EV	26399.00	13.31	24.12	23.34	27.55	0.004341	14.84	1778.45	227.00	0.88
Oso-2-Ocean	3655	10-EV	12644.00	13.31	20.69	19.91	22.69	0.004560	11.34	1114.57	186.70	0.82
Oso-2-Ocean	3655	5-EV	5769.00	13.31	18.26	17.58	19.40	0.004852	8.57	673.10	174.43	0.77
Oso-2-Ocean	3655	2-EV	2330.00	13.31	16.47	15.91	17.06	0.004739	6.18	377.32	155.12	0.70
Oso-2-Ocean	3355	100-EV	45934.00	11.94	27.20	25.64	31.55	0.003148	16.75	2743.03	386.93	0.83
Oso-2-Ocean	3355	50-EV	41237.00	11.94	26.42	24.80	30.41	0.003114	16.02	2573.33	364.04	0.82
Oso-2-Ocean	3355	25-EV	26399.00	11.94	23.40	21.83	26.28	0.003178	13.62	1938.64	320.94	0.78
Oso-2-Ocean	3355	10-EV	12644.00	11.94	19.83	18.41	21.45	0.003139	10.22	1236.80	189.72	0.71
Oso-2-Ocean	3355	5-EV	5769.00	11.94	17.32	16.15	18.18	0.003051	7.47	772.59	179.67	0.63
Oso-2-Ocean	3355	2-EV	2330.00	11.94	15.52	14.57	15.93	0.002817	5.10	456.53	172.49	0.55
Oso-2-Ocean	3055	100-EV	45934.00	10.65	26.34	24.70	30.59	0.003063	16.52	2779.96	363.47	0.82
Oso-2-Ocean	3055	50-EV	41237.00	10.65	25.57	23.85	29.45	0.003024	15.80	2609.71	354.58	0.81
Oso-2-Ocean	3055	25-EV	26399.00	10.65	22.46	20.91	25.32	0.003189	13.56	1946.52	302.92	0.78
Oso-2-Ocean	3055	10-EV	12644.00	10.65	18.78	17.53	20.47	0.003402	10.42	1213.20	191.99	0.73
Oso-2-Ocean	3055	5-EV	5769.00	10.65	16.17	15.30	17.15	0.003828	7.96	725.13	181.54	0.70
Oso-2-Ocean	3055	2-EV	2330.00	10.65	14.33	13.78	14.86	0.004527	5.86	397.81	174.17	0.68
Oso-2-Ocean	2755	100-EV	45934.00	10.29	25.96	23.33	29.59	0.002405	15.29	3005.10	358.48	0.74
Oso-2-Ocean	2755	50-EV	41237.00	10.29	25.18	22.50	28.48	0.002352	14.58	2829.00	341.15	0.72
Oso-2-Ocean	2755	25-EV	26399.00	10.29	21.96	19.57	24.35	0.002413	12.41	2127.24	253.84	0.69
Oso-2-Ocean	2755	10-EV	12644.00	10.29	18.17	16.20	19.52	0.002390	9.33	1355.56	196.02	0.63
Oso-2-Ocean	2755	5-EV	5769.00	10.29	15.43	13.98	16.17	0.002433	6.91	834.61	185.09	0.57
Oso-2-Ocean	2755	2-EV	2330.00	10.29	13.39	12.50	13.78	0.002731	5.01	464.83	176.91	0.55
Oso-2-Ocean	2455	100-EV	45934.00	8.81	25.57	22.24	28.81	0.002030	14.44	3180.86	663.78	0.69

HEC-RAS Plan: PA34 Ultimat (Continued)

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
Oso-2-Ocean	2455	50-EV	41237.00	8.81	24.79	21.41	27.73	0.001970	13.74	3001.29	620.29	0.67
Oso-2-Ocean	2455	25-EV	26399.00	8.81	21.50	18.51	23.61	0.001983	11.63	2269.76	457.05	0.63
Oso-2-Ocean	2455	10-EV	12644.00	8.81	17.69	15.17	18.83	0.001842	8.58	1474.42	200.58	0.56
Oso-2-Ocean	2455	5-EV	5769.00	8.81	14.94	12.97	15.53	0.001677	6.15	938.79	189.60	0.49
Oso-2-Ocean	2455	2-EV	2330.00	8.81	12.86	11.50	13.14	0.001555	4.21	553.69	181.30	0.42
Oso-2-Ocean	2155	100-EV	45934.00	8.21	24.06	22.18	28.01	0.003008	15.94	2881.67	254.71	0.80
Oso-2-Ocean	2155	50-EV	41237.00	8.21	23.43	21.38	26.96	0.002863	15.07	2736.76	230.05	0.77
Oso-2-Ocean	2155	25-EV	26399.00	8.21	18.57	18.53	22.48	0.005867	15.85	1665.14	210.60	0.99
Oso-2-Ocean	2155	10-EV	12644.00	8.21	15.86	15.23	17.88	0.005073	11.40	1109.43	199.77	0.85
Oso-2-Ocean	2155	5-EV	5769.00	8.21	13.66	12.82	14.72	0.004210	8.28	696.90	174.56	0.73
Oso-2-Ocean	2155	2-EV	2330.00	8.21	11.97	11.18	12.46	0.003354	5.57	418.03	158.26	0.60
Oso-2-Ocean	1855	100-EV	45934.00	7.22	23.95	20.44	27.03	0.001963	14.07	3263.83	325.75	0.67
Oso-2-Ocean	1855	50-EV	41237.00	7.22	23.31	19.62	26.04	0.001842	13.25	3113.27	300.50	0.64
Oso-2-Ocean	1855	25-EV	26399.00	7.22	16.79	16.79	20.73	0.005792	15.93	1657.64	209.97	1.00
Oso-2-Ocean	1855	10-EV	12644.00	7.22	13.52	13.52	16.04	0.007111	12.74	992.37	196.96	1.00
Oso-2-Ocean	1855	5-EV	5769.00	7.22	11.37	11.37	12.91	0.008729	9.96	578.95	188.43	1.00
Oso-2-Ocean	1855	2-EV	2330.00	7.22	9.86	9.86	10.77	0.010552	7.63	305.31	168.78	1.00
Oso-2-Ocean	1502	100-EV	45934.00	6.05	25.02	16.13	26.09	0.000562	8.30	5537.29	383.26	0.35
Oso-2-Ocean	1502	50-EV	41237.00	6.05	24.25	15.51	25.19	0.000527	7.79	5291.08	381.56	0.34
Oso-2-Ocean	1502	25-EV	26399.00	6.05	15.76	13.30	17.35	0.002218	10.12	2609.71	308.45	0.61
Oso-2-Ocean	1502	10-EV	12644.00	6.05	12.61	10.79	13.51	0.002247	7.62	1659.94	295.41	0.57
Oso-2-Ocean	1502	5-EV	5769.00	6.05	10.64	9.06	11.08	0.001910	5.32	1084.01	287.37	0.48
Oso-2-Ocean	1502	2-EV	2330.00	6.05	9.12	7.90	9.31	0.001437	3.51	663.18	262.87	0.39
Oso-2-Ocean	1337	100-EV	45934.00	5.78	25.16	14.83	25.81	0.000336	6.46	7112.77	521.72	0.27
Oso-2-Ocean	1337	50-EV	41237.00	5.78	24.36	14.28	24.94	0.000316	6.07	6791.61	519.10	0.26
Oso-2-Ocean	1337	25-EV	26399.00	5.78	15.78	12.43	16.76	0.001360	7.92	3333.98	396.22	0.48
Oso-2-Ocean	1337	10-EV	12644.00	5.78	12.46	10.34	13.05	0.001586	6.21	2036.48	383.84	0.48
Oso-2-Ocean	1337	5-EV	5769.00	5.78	10.40	8.91	10.73	0.001640	4.60	1255.28	376.69	0.44
Oso-2-Ocean	1337	2-EV	2330.00	5.78	8.87	7.83	9.05	0.001694	3.36	693.23	339.72	0.41
Oso-2-Ocean	1241		Bridge									
Oso-2-Ocean	1193	100-EV	45934.00	5.51	24.80	14.65	25.49	0.000373	6.68	6877.65	736.30	0.28
Oso-2-Ocean	1193	50-EV	41237.00	5.51	24.08	14.12	24.68	0.000345	6.25	6598.51	733.93	0.27
Oso-2-Ocean	1193	25-EV	26399.00	5.51	15.48	12.27	16.50	0.001481	8.09	3261.34	523.51	0.49
Oso-2-Ocean	1193	10-EV	12644.00	5.51	12.18	10.20	12.81	0.001750	6.36	1988.77	418.27	0.49
Oso-2-Ocean	1193	5-EV	5769.00	5.51	10.15	8.79	10.50	0.001855	4.74	1217.75	378.47	0.47
Oso-2-Ocean	1193	2-EV	2330.00	5.51	8.62	7.75	8.82	0.002123	3.57	653.56	344.01	0.46
Oso-2-Ocean	1146	100-EV	45934.00	5.31	24.86	13.38	25.39	0.000265	5.83	7875.66	665.01	0.24
Oso-2-Ocean	1146	50-EV	41237.00	5.31	24.14	12.88	24.60	0.000244	5.45	7567.74	663.96	0.23
Oso-2-Ocean	1146	25-EV	26399.00	5.31	15.59	11.13	16.28	0.000872	6.68	3950.24	445.13	0.39
Oso-2-Ocean	1146	10-EV	12644.00	5.31	12.25	9.17	12.63	0.000860	4.97	2543.17	417.73	0.36
Oso-2-Ocean	1146	5-EV	5769.00	5.31	10.19	7.89	10.37	0.000698	3.42	1687.17	413.61	0.30
Oso-2-Ocean	1146	2-EV	2330.00	5.31	8.64	6.99	8.71	0.000554	2.22	1048.14	410.51	0.25
Oso-2-Ocean	1116	100-EV	45934.00	5.13	24.87	13.18	25.37	0.000247	5.66	8111.76	731.78	0.23
Oso-2-Ocean	1116	50-EV	41237.00	5.13	24.14	12.68	24.58	0.000228	5.29	7792.27	713.96	0.22
Oso-2-Ocean	1116	25-EV	26399.00	5.13	15.58	10.95	16.24	0.000814	6.51	4057.59	437.66	0.37
Oso-2-Ocean	1116	10-EV	12644.00	5.13	12.23	9.01	12.59	0.000786	4.81	2629.29	423.31	0.34
Oso-2-Ocean	1116	5-EV	5769.00	5.13	10.17	7.76	10.34	0.000617	3.27	1761.85	419.19	0.28
Oso-2-Ocean	1116	2-EV	2330.00	5.13	8.62	6.93	8.69	0.000460	2.09	1114.79	416.08	0.23
Oso-2-Ocean	1050		Bridge									
Oso-2-Ocean	1018	100-EV	45934.00	5.12	15.23	14.49	18.26	0.004748	13.97	3288.57	412.24	0.87
Oso-2-Ocean	1018	50-EV	41237.00	5.12	14.67	13.99	17.50	0.004827	13.47	3060.44	410.03	0.87
Oso-2-Ocean	1018	25-EV	26399.00	5.12	12.72	12.18	14.83	0.005207	11.66	2264.97	403.05	0.87
Oso-2-Ocean	1018	10-EV	12644.00	5.12	10.40	10.16	11.78	0.006415	9.41	1343.75	392.22	0.90
Oso-2-Ocean	1018	5-EV	5769.00	5.12	8.78	8.72	9.76	0.008799	7.97	724.27	350.57	0.98
Oso-2-Ocean	1018	2-EV	2330.00	5.12	7.67	7.67	8.31	0.011127	6.38	365.47	299.09	1.02
Oso-2-Ocean	880	100-EV	45934.00	4.85	15.34	13.28	17.42	0.003001	11.58	3968.23	525.39	0.69
Oso-2-Ocean	880	50-EV	41237.00	4.85	14.76	12.79	16.68	0.003002	11.12	3708.65	517.72	0.68
Oso-2-Ocean	880	25-EV	26399.00	4.85	12.71	11.03	14.08	0.003002	9.40	2807.99	489.81	0.65
Oso-2-Ocean	880	10-EV	12644.00	4.85	10.28	9.02	11.07	0.003002	7.12	1776.22	417.20	0.61
Oso-2-Ocean	880	5-EV	5769.00	4.85	8.58	7.65	9.02	0.003005	5.33	1082.42	393.07	0.57
Oso-2-Ocean	880	2-EV	2330.00	4.85	7.34	6.62	7.56	0.003001	3.81	611.70	367.50	0.52