HEC-RAS MODEL OUTPUT
Reach: PATTERSON CK - 3

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
3	4847.37	Regional	69.94	236.08	240.38		240.39	0.00014	0.86	247.26	114.48	0.13
3	4847.37	TMIG_100yr	12.39	236.08	237.33		237.45	0.004744	2.06	13.67	23.65	0.63
3	4847.37	TMIG_50yr	9.78	236.08	237.25		237.36	0.004188	1.85	11.91	22.99	0.58
3	4847.37	TMIG_25yr	8.7	236.08	237.28	237.08	237.35	0.002916	1.57	12.53	23.22	0.49
3	4847.37	TMIG_10yr	6.44	236.08	237.12	237	237.2	0.003654	1.57	8.93	21.82	0.53
3	4847.37	TMIG_5yr	5.15	236.08	237.04	236.94	237.12	0.003827	1.51	7.19	21.09	0.54
3	4847.37	TMIG_2yr	3.23	236.08	236.88	236.73	236.97	0.004606	1.43	4.02	18.74	0.57
3	4766.04	Regional	69.94	235.85	240.38	237.6	240.39	0.000069	0.65	315.08	113.32	0.1
3	4766.04	TMIG_100yr	12.39	235.85	237.14	236.98	237.21	0.0029	1.8	22.49	54.38	0.51
3	4766.04	TMIG_50yr	9.78	235.85	237.01	236.69	237.1	0.003775	1.91	16.1	44.25	0.57
3	4766.04	TMIG_25yr	8.7	235.85	236.69	236.69	236.97	0.014833	3.02	5.99	15.57	1.07
3	4766.04	TMIG_10yr	6.44	235.85	236.67	236.52	236.83	0.008711	2.29	5.78	15	0.82
3	4766.04	TMIG_5yr	5.15	235.85	236.54	236.42	236.7	0.010685	2.24	4.17	9.97	0.88
3	4766.04	TMIG_2yr	3.23	235.85	236.4	236.28	236.51	0.009726	1.82	3.04	6.66	0.81
3	4719.19	Regional	69.94	235.38	240.38	237.17	240.38	0.000055	0.61	332.52	138.34	0.09
3	4719.19	TMIG_100yr	12.39	235.38	237.14	236.46	237.15	0.00048	0.88	44.39	55	0.22
3	4719.19	TMIG_50yr	9.78	235.38	237.02	236.28	237.03	0.000457	0.82	38.03	52.95	0.21
3	4719.19	TMIG_25yr	8.7	235.38	236.85	236.28	236.87	0.000677	0.92	29.7	47.85	0.25
3	4719.19	TMIG_10yr	6.44	235.38	236.69	236.27	236.71	0.000756	0.9	22.36	43.09	0.26
3	4719.19	TMIG_5yr	5.15	235.38	236.54	236.21	236.55	0.001001	0.95	16.25	35.51	0.29
3	4719.19	TMIG_2yr	3.23	235.38	236.28	236.13	236.32	0.001925	1.1	8.17	27.79	0.39
3	4709.84	Regional	73.37	235.39	240.33	237.64	240.37	0.00033	1.48	132.95	132.61	0.21
3	4709.84	TMIG_100yr	18.89	235.39	236.95	236.51	237.1	0.003501	2.2	14.62	14.27	0.57
3	4709.84	TMIG_50yr	16.64	235.39	236.84	236.45	236.98	0.003617	2.12	13.27	13.87	0.58
3	4709.84	TMIG_25yr	13.7	235.39	236.69	236.36	236.82	0.003785	2.01	11.46	13.43	0.58
3	4709.84	TMIG_10yr	10.99	235.39	236.54	236.28	236.66	0.003998	1.9	9.69	13.13	0.58
3	4709.84	TMIG_5yr	8.58	235.39	236.4	236.19	236.51	0.004264	1.79	8	12.86	0.59
3	4709.84	TMIG_2yr	5.26	235.39	236.17	236.05	236.27	0.004931	1.6	5.37	12.17	0.6
3	4692.33		Culvert		REGENT STREET							
3	4657.09	Regional	73.37	235.32	237.53	237.53	238.34	0.011428	4.78	24.52	55.38	1.08
3	4657.09	TMIG_100yr	18.89	235.32	236.46	236.46	236.84	0.013327	3.09	9.08	15.17	1.02
3	4657.09	TMIG_50yr	16.64	235.32	236.41	236.41	236.75	0.012895	2.92	8.4	14.8	1
3	4657.09	TMIG_25yr	13.7	235.32	236.31	236.31	236.62	0.013122	2.74	7.29	14.39	0.99
3	4657.09	TMIG_10yr	10.99	235.32	236.23	236.23	236.5	0.01312	2.53	6.24	14.01	0.97
3	4657.09	TMIG_5yr	8.58	235.32	236.14	236.14	236.37	0.013139	2.32	5.22	13.63	0.95
3	4657.09	TMIG_2yr	5.26	235.32	236.01	236	236.18	0.012219	1.91	3.73	13.01	0.88
3	4643.23	Regional	73.37	235.23	236.69	236.69	236.98	0.013154	4.02	52.09	75.26	1.09
3	4643.23	TMIG_100yr	18.89	235.23	236.23	236.23	236.4	0.009347	2.58	19.8	53.5	0.86
3	4643.23	TMIG_50yr	16.64	235.23	236.2	236.2	236.36	0.008935	2.46	18.04	52.02	0.83
3	4643.23	TMIG_25yr	13.7	235.23	236.15	236.15	236.3	0.008282	2.28	15.67	50	0.8
3	4643.23	TMIG_10yr	10.99	235.23	236.1	236.1	236.24	0.007797	2.12	13.08	48.38	0.76
3	4643.23	TMIG_5yr	8.58	235.23	236.01	236.01	236.17	0.009364	2.14	8.9	40.76	0.82
3	4643.23	TMIG_2yr	5.26	235.23	235.87	235.87	236.01	0.009505	1.87	5.19	21.02	0.8
3	4600.07	Regional	73.37	235.1	236.52	236.02	236.56	0.002511	1.71	112.91	130.87	0.48
3	4600.07	TMIG_100yr	18.89	235.1	236.03	235.68	236.04	0.001376	0.92	53.91	103.56	0.33
3	4600.07	TMIG_50yr	16.64	235.1	235.99	235.68	236	0.001349	0.88	49.77	101.9	0.32
3	4600.07	TMIG_25yr	13.7	235.1	235.93	235.68	235.95	0.001306	0.83	44.04	99.4	0.31
3	4600.07	TMIG_10yr	10.99	235.1	235.88	235.68	235.89	0.00126	0.77	38.37	97.41	0.3
3	4600.07	TMIG_5yr	8.58	235.1	235.82	235.68	235.83	0.001171	0.7	32.81	92.55	0.29
3	4600.07	TMIG_2yr	5.26	235.1	235.71	235.6	235.72	0.001023	0.57	23.03	86.61	0.26
3	4500	Regional	73.37	234.77	236.38	236.02	236.43	0.003939	2.42	95.15	238.78	0.62
3	4500	TMIG_100yr	18.89	234.77	235.73	235.73	235.89	0.012723	3.06	19.69	202.69	1.01
3	4500	TMIG_50yr	16.64	234.77	235.71	235.71	235.85	0.01193	2.91	18.39	201.07	0.98
3	4500	TMIG_25yr	13.7	234.77	235.67	235.67	235.8	0.010862	2.69	16.5	198.74	0.93
3	4500	TMIG_10yr	10.99	234.77	235.62	235.62	235.74	0.009793	2.47	14.54	196.42	0.87
3	4500	TMIG_5yr	8.58	234.77	235.57	235.57	235.69	0.009144	2.29	12.29	193.56	0.83
3	4500	TMIG_2yr	5.26	234.77	235.47	235.47	235.58	0.008487	2.01	8.09	182.74	0.78
3	4398.76	Regional	73.37	233.89	236.01	235.59	236.14	0.004263	2.38	73.51	218.29	0.57
3	4398.76	TMIG_100yr	18.89	233.89	235.32	235.06	235.37	0.002761	1.38	29.25	182.94	0.42
3	4398.76	TMIG_50yr	16.64	233.89	235.27	235.02	235.32	0.002702	1.32	26.7	181.31	0.41
3	4398.76	TMIG_25yr	13.7	233.89	235.2	234.97	235.25	0.002627	1.25	23.07	161.4	0.4
3	4398.76	TMIG_10yr	10.99	233.89	235.12	234.86	235.17	0.002479	1.15	19.44	139.68	0.39
3	4398.76	TMIG_5yr	8.58	233.89	235.06	234.82	235.09	0.002223	1.03	16.45	44.39	0.36
3	4398.76	TMIG_2yr	5.26	233.89	234.91	234.64	234.95	0.002152	0.9	10.5	40.02	0.34
3	4283.29	Regional	73.37	233.56	235.25	235.25	235.55	0.009579	3.36	54.76	152.57	0.92
3	4283.29	TMIG_100yr	18.89	233.56	234.72	234.72	234.91	0.008043	2.2	16.91	49.41	0.78
3	4283.29	TMIG_50yr	16.64	233.56	234.68	234.68	234.86	0.008114	2.13	14.82	46.54	0.77
3	4283.29	TMIG_25yr	13.7	233.56	234.62	234.62	234.79	0.007896	2	12.31	44.61	0.76
3	4283.29	TMIG_10yr	10.99	233.56	234.56	234.56	234.72	0.008084	1.9	9.46	39.57	0.75
3	4283.29	TMIG_5yr	8.58	233.56	234.46	234.46	234.64	0.009924	1.89	5.98	31.8	0.81
3	4283.29	TMIG_2yr	5.26	233.56	234.28	234.25	234.44	0.013749	1.79	2.94	7.35	0.9
3	4199.25	Regional	73.37	233.25	234.98	234.66	235.03	0.002523	1.82	119.79	171.33	0.48
3	4199.25	TMIG_100yr	18.89	233.25	234.44	234.1	234.47	0.002118	1.22	42.6	98.6	0.41
3	4199.25	TMIG_50yr	16.64	233.25	234.37	234.08	234.4	0.00195	1.11	36.33	71.47	0.39
3	4199.25	TMIG_25yr	13.7	233.25	234.3	234.05	234.32	0.002011	1.06	31.2	67.72	0.39
3	4199.25	TMIG_10yr	10.99	233.25	234.23	233.99	234.25	0.001951	0.99	26.88	66.01	0.37
3	4199.25	TMIG_5yr	8.58	233.25	234.17	233.93	234.19	0.00182	0.9	22.97	63.94	0.36
3	4199.25	TMIG_2yr	5.26	233.25	234.04	233.91	234.06	0.002081	0.83	15.01	56.84	0.37
3	4100	Regional	74.31	232.94	234.39	234.37	234.6	0.008107	3.23	68.06	121.27	0.87
3	4100	TMIG_100yr	23.7	232.94	234.02		234.14	0.005066	2.08	28.25	75.98	0.65
3	4100	TMIG_50yr	20.71	232.94	233.99		234.1	0.004367	1.91	26.6	70.17	0.6
3	4100	TMIG_25yr	16.93	232.94	233.93		234.03	0.004088	1.77	22.64	60.66	0.58
3	4100	TMIG_10yr	13.33	232.94	233.76	233.65	233.89	0.006744	1.98	13.95	39.54	0.72
3	4100	TMIG_5yr	10.3	232.94	233.6	233.6	233.78	0.010936	2.16	8.44	27.96	0.88

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
3	4100	TMIG_2yr	6.15	232.94	233.46	233.46	233.61	0.011149	1.85	5.2	22.42	0.85
3	3997.26	Regional	74.31	231.38	234.52	231.88	234.52	0.000031	0.33	248.66	113.97	0.06
3	3997.26	TMIG_100yr	23.7	231.38	234.1	231.62	234.1	0.000005	0.12	203.07	102.42	0.02
3	3997.26	TMIG_50yr	20.71	231.38	234.07	231.6	234.07	0.000004	0.11	199.46	101.46	0.02
3	3997.26	TMIG_25yr	16.93	231.38	234	231.57	234	0.000003	0.09	192.78	98.32	0.02
3	3997.26	TMIG_10yr	13.33	231.38	233.85	231.54	233.85	0.000002	0.08	178.72	92.46	0.02
3	3997.26	TMIG_5yr	10.3	231.38	233.17	231.51	233.17	0.000005	0.09	120.99	73.11	0.02
3	3997.26	TMIG_2yr	6.15	231.38	232.67	231.47	232.67	0.000005	0.07	86.22	67.77	0.02
3	3900	Regional	74.31	231.38	234.52		234.52	0.000018	0.25	315.87	125.31	0.05
3	3900	TMIG_100yr	23.7	231.38	234.1		234.1	0.000003	0.09	264.51	121.08	0.02
3	3900	TMIG_50yr	20.71	231.38	234.07		234.07	0.000002	0.08	260.23	120.43	0.02
3	3900	TMIG_25yr	16.93	231.38	234		234	0.000002	0.07	252.28	118.59	0.01
3	3900	TMIG_10yr	13.33	231.38	233.85		233.85	0.000001	0.06	235.07	112.92	0.01
3	3900	TMIG_5yr	10.3	231.38	233.17		233.17	0.000002	0.06	164.64	96.83	0.02
3	3900	TMIG_2yr	6.15	231.38	232.67		232.67	0.000002	0.05	117.54	92.12	0.01
3	3804.42	Regional	79.59	231.38	234.52		234.52	0.00002	0.26	313.36	129.52	0.05
3	3804.42	TMIG_100yr	21.58	231.38	234.1		234.1	0.000003	0.08	261.4	120.5	0.02
3	3804.42	TMIG_50yr	18.27	231.38	234.07		234.07	0.000002	0.07	257.15	119.47	0.01
3	3804.42	TMIG_25yr	14.47	231.38	234		234	0.000001	0.06	249.31	115.63	0.01
3	3804.42	TMIG_10yr	10.24	231.38	233.85		233.85	0.000001	0.04	232.4	112.99	0.01
3	3804.42	TMIG_5yr	7.57	231.38	233.17		233.17	0.000001	0.05	162.75	97.42	0.01
3	3804.42	TMIG_2yr	4.61	231.38	232.67		232.67	0.000001	0.04	115.91	90.86	0.01
3	3794.64	Regional	81.24	231.38	234.51	232.8	234.52	0.000069	0.47	209.82	125.21	0.09
3	3794.64	TMIG_100yr	21.58	231.38	234.1	231.97	234.1	0.000009	0.15	160.43	118.59	0.03
3	3794.64	TMIG_50yr	18.27	231.38	234.07	231.91	234.07	0.000007	0.13	156.28	117.88	0.03
3	3794.64	TMIG_25yr	14.47	231.38	234	231.83	234	0.000005	0.11	148.54	115.76	0.02
3	3794.64	TMIG_10yr	10.24	231.38	233.85	231.74	233.85	0.000003	0.08	125.27	104.62	0.02
3	3794.64	TMIG_5yr	7.57	231.38	233.17	231.67	233.17	0.000048	0.27	28.28	55.08	0.07
3	3794.64	TMIG_2yr	4.61	231.38	232.66	231.59	232.67	0.000051	0.23	20	47.24	0.07
3	3781.46		Culvert			MILL STREET						
3	3767.83	Regional	81.24	229.79	232.13	232.13	233.05	0.010468	5.14	19.77	11.15	1.07
3	3767.83	TMIG_100yr	21.58	229.79	231.21	230.86	231.43	0.004513	2.41	10.46	9.09	0.65
3	3767.83	TMIG_50yr	18.27	229.79	231.11	230.75	231.3	0.004133	2.2	9.62	8.9	0.61
3	3767.83	TMIG_25yr	14.47	229.79	230.98	230.62	231.14	0.003732	1.96	8.5	8.64	0.57
3	3767.83	TMIG_10yr	10.24	229.79	230.81	230.47	230.92	0.003281	1.65	7.03	8.29	0.52
3	3767.83	TMIG_5yr	7.57	229.79	230.67	230.36	230.75	0.003075	1.44	5.87	7.98	0.49
3	3767.83	TMIG_2yr	4.61	229.79	230.45	230.21	230.51	0.003172	1.21	4.18	7.5	0.48
3	3753.31	Regional	81.24	229.52	232.08	232.08	232.61	0.008853	4.97	33.4	28.02	1
3	3753.31	TMIG_100yr	21.58	229.52	230.9	230.9	231.29	0.01135	3.7	9.97	12.84	1.02
3	3753.31	TMIG_50yr	18.27	229.52	230.8	230.8	231.16	0.01138	3.52	8.75	12.06	1.01
3	3753.31	TMIG_25yr	14.47	229.52	230.67	230.67	231	0.011404	3.28	7.29	11.11	0.99
3	3753.31	TMIG_10yr	10.24	229.52	230.5	230.5	230.79	0.012048	3.01	5.44	9.77	0.99
3	3753.31	TMIG_5yr	7.57	229.52	230.36	230.36	230.62	0.012685	2.78	4.2	8.6	0.99
3	3753.31	TMIG_2yr	4.61	229.52	230.17	230.17	230.39	0.013666	2.42	2.76	6.84	0.98
3	3731.07	Regional	81.24	228.98	230.75	230.75	231.04	0.009516	3.73	59.71	74.57	0.94
3	3731.07	TMIG_100yr	21.58	228.98	230.13	230.13	230.35	0.009261	2.65	19.56	47.44	0.86
3	3731.07	TMIG_50yr	18.27	228.98	230.11	230.11	230.29	0.007527	2.36	18.54	47.17	0.77
3	3731.07	TMIG_25yr	14.47	228.98	230.09	230.09	230.21	0.005265	1.95	17.67	46.76	0.64
3	3731.07	TMIG_10yr	10.24	228.98	230.11	229.91	230.17	0.002353	1.32	18.58	47.18	0.43
3	3731.07	TMIG_5yr	7.57	228.98	229.88	229.78	230.09	0.008249	2.05	4.07	39	0.77
3	3731.07	TMIG_2yr	4.61	228.98	229.6	229.6	229.82	0.015803	2.06	2.3	6.26	0.98
3	3700.93	Regional	81.24	228.53	230.57	230.15	230.64	0.00314	2.57	92.26	93.79	0.58
3	3700.93	TMIG_100yr	21.58	228.53	229.77	229.77	229.9	0.007226	2.79	27.09	70.06	0.8
3	3700.93	TMIG_50yr	18.27	228.53	229.73	229.73	229.86	0.006735	2.64	24.49	68.98	0.77
3	3700.93	TMIG_25yr	14.47	228.53	229.69	229.69	229.8	0.005726	2.38	21.7	67.87	0.71
3	3700.93	TMIG_10yr	10.24	228.53	229.55	229.55	229.99	0.014648	3.49	5.28	50.26	1.11
3	3700.93	TMIG_5yr	7.57	228.53	229.4	229.4	229.76	0.014322	3.11	4.2	29.65	1.07
3	3700.93	TMIG_2yr	4.61	228.53	229.32	229.19	229.49	0.007545	2.11	3.67	19.5	0.76
3	3658.78	Regional	81.24	228.15	230.51	229.6	230.54	0.001186	1.72	139.67	105.63	0.36
3	3658.78	TMIG_100yr	21.58	228.15	229.59	229.19	229.61	0.001138	1.21	55.35	78.27	0.32
3	3658.78	TMIG_50yr	18.27	228.15	229.52	229.16	229.54	0.001121	1.16	49.63	77.23	0.32
3	3658.78	TMIG_25yr	14.47	228.15	229.26	229.11	229.3	0.002808	1.59	30.27	72.14	0.49
3	3658.78	TMIG_10yr	10.24	228.15	229.05	229.05	229.15	0.006378	2.08	16.5	61.86	0.71
3	3658.78	TMIG_5yr	7.57	228.15	229.02	229.02	229.1	0.004592	1.73	14.66	61.56	0.6
3	3658.78	TMIG_2yr	4.61	228.15	228.81	228.81	229.06	0.012896	2.4	2.8	30.82	0.96
3	3600	Regional	81.24	227.53	230.44		230.48	0.000851	1.66	110.63	64.47	0.31
3	3600	TMIG_100yr	21.58	227.53	229.56		229.57	0.000442	0.93	56.72	55.59	0.21
3	3600	TMIG_50yr	18.27	227.53	229.49		229.5	0.000389	0.86	52.9	54.51	0.2
3	3600	TMIG_25yr	14.47	227.53	229.21		229.23	0.000622	0.97	38.4	50.4	0.24
3	3600	TMIG_10yr	10.24	227.53	228.93		228.95	0.00107	1.13	24.92	45.87	0.31
3	3600	TMIG_5yr	7.57	227.53	228.74		228.77	0.001703	1.28	16.57	40.3	0.38
3	3600	TMIG_2yr	4.61	227.53	228.51		228.58	0.003142	1.5	8.23	31.33	0.5
3	3536.79	Regional	81.24	227.21	230.22		230.38	0.002817	3.15	70.5	57.77	0.58
3	3536.79	TMIG_100yr	21.58	227.21	229.19	229.19	229.47	0.004765	3.09	17.62	34.31	0.7
3	3536.79	TMIG_50yr	18.27	227.21	228.62	228.62	229.35	0.015943	4.49	6.66	7.11	1.22
3	3536.79	TMIG_25yr	14.47	227.21	228.58	228.58	229.07	0.01117	3.69	6.38	6.96	1.01
3	3536.79	TMIG_10yr	10.24	227.21	228.31	228.31	228.75	0.0127	3.4	4.65	6	1.04
3	3536.79	TMIG_5yr	7.57	227.21	228.14	228.14	228.51	0.01305	3.07	3.67	5.45	1.03
3	3536.79	TMIG_2yr	4.61	227.21	227.91	227.91	228.19	0.014096	2.63	2.48	4.83	1.02
3	3528.92	Regional	81.24	226.99	230.25	229.5	230.33	0.001056	2.03	89.11	63.69	0.36
3	3528.92	TMIG_100yr	23.19	226.99	229.17	228.41	229.25	0.001292	1.71	27.36	51.15	0.37
3	3528.92	TMIG_50yr	19.49	226.99	228.97	228.28	229.08	0.001671	1.83	17.89	36.23	0.42
3	3528.92	TMIG_25yr	15.53	226.99	228.67	228.12	228.82	0.002363	1.95	9.9	15.7	0.48
3	3528.92	TMIG_10yr	10.85	226.99	228.2	227.91	228.37	0.004066	2.05	6.11	6.85	0.6

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
3	3528.92	TMIG_5yr	7.98	226.99	227.95	227.77	228.12	0.005293	2	4.52	6.11	0.66
3	3528.92	TMIG_2yr	4.83	226.99	227.58	227.58	227.81	0.013161	2.27	2.41	5.27	0.95
3	3515.3		Culvert		RICHMOND STREET							
3	3504.52	Regional	81.24	226.79	230.18	229.56	230.28	0.001277	2.3	84.15	66.39	0.4
3	3504.52	TMIG_100yr	23.19	226.79	228.34	228.34	228.96	0.010666	3.92	8.01	7.02	1.01
3	3504.52	TMIG_50yr	19.49	226.79	228.19	228.19	228.76	0.011053	3.72	6.97	6.65	1.01
3	3504.52	TMIG_25yr	15.53	226.79	228.02	228.02	228.51	0.011263	3.44	5.88	6.3	1
3	3504.52	TMIG_10yr	10.85	226.79	227.85	227.78	228.2	0.009509	2.86	4.84	5.94	0.9
3	3504.52	TMIG_5yr	7.98	226.79	227.74	227.62	227.98	0.007809	2.4	4.18	5.71	0.8
3	3504.52	TMIG_2yr	4.83	226.79	227.44	227.41	227.67	0.011627	2.26	2.56	5.09	0.91
3	3488.58	Regional	81.24	226.44	229.66	229.66	230.13	0.004901	4.2	42.18	41.6	0.76
3	3488.58	TMIG_100yr	23.19	226.44	228.19	228.19	228.76	0.009284	3.75	8.58	8.21	0.94
3	3488.58	TMIG_50yr	19.49	226.44	228.02	228.02	228.57	0.009933	3.61	7.29	7.54	0.96
3	3488.58	TMIG_25yr	15.53	226.44	227.85	227.85	228.33	0.01039	3.38	6.01	6.81	0.96
3	3488.58	TMIG_10yr	10.85	226.44	227.61	227.61	228.01	0.01116	3.04	4.46	6.03	0.96
3	3488.58	TMIG_5yr	7.98	226.44	227.67	227.43	227.86	0.00483	2.08	4.85	6.23	0.64
3	3488.58	TMIG_2yr	4.83	226.44	227.31	227.2	227.5	0.007743	2.02	2.82	5.05	0.75
3	3445.41	Regional	81.24	226.26	228.84		228.95	0.002514	2.67	92.39	71.59	0.53
3	3445.41	TMIG_100yr	23.19	226.26	227.67	227.65	227.87	0.006116	2.76	24	46.15	0.75
3	3445.41	TMIG_50yr	19.49	226.26	227.73		227.84	0.003344	2.1	26.66	46.67	0.56
3	3445.41	TMIG_25yr	15.53	226.26	227.56	227.53	227.71	0.004731	2.29	18.94	45.05	0.65
3	3445.41	TMIG_10yr	10.85	226.26	227.33	227.33	227.56	0.007383	2.5	9.83	29.67	0.79
3	3445.41	TMIG_5yr	7.98	226.26	226.99	226.99	227.45	0.020955	3.25	3.61	8.28	1.24
3	3445.41	TMIG_2yr	4.83	226.26	227.01	226.88	227.17	0.007231	1.93	3.73	10.27	0.73
3	3399.98	Regional	81.24	225.71	228.86		228.88	0.000482	1.32	137.78	81.15	0.24
3	3399.98	TMIG_100yr	23.19	225.71	227.73		227.75	0.000629	1.11	53.84	64.18	0.25
3	3399.98	TMIG_50yr	19.49	225.71	227.75		227.77	0.000409	0.9	55.39	64.54	0.2
3	3399.98	TMIG_25yr	15.53	225.71	227.61		227.62	0.000439	0.89	46.29	62.36	0.21
3	3399.98	TMIG_10yr	10.85	225.71	227.25		227.28	0.00108	1.2	25.66	53.65	0.32
3	3399.98	TMIG_5yr	7.98	225.71	227.06		227.11	0.002041	1.5	15.53	48.72	0.43
3	3399.98	TMIG_2yr	4.83	225.71	226.77	226.53	226.91	0.004409	1.87	4.84	10.3	0.6
3	3356.15	Regional	81.24	225.75	228.24	228.24	228.78	0.00776	4.55	33.56	34.51	0.93
3	3356.15	TMIG_100yr	23.19	225.75	227.46	227.25	227.67	0.004282	2.6	15.01	18.36	0.65
3	3356.15	TMIG_50yr	19.49	225.75	227.62	227.15	227.72	0.001901	1.85	17.82	19.36	0.44
3	3356.15	TMIG_25yr	15.53	225.75	227.49	227.03	227.58	0.001713	1.67	15.66	18.97	0.41
3	3356.15	TMIG_10yr	10.85	225.75	227.04	226.81	227.19	0.003742	2	8.52	13.9	0.58
3	3356.15	TMIG_5yr	7.98	225.75	226.75	226.58	226.95	0.006524	2.21	4.99	9.69	0.73
3	3356.15	TMIG_2yr	4.83	225.75	226.5	226.39	226.66	0.007254	1.91	3.14	6.12	0.73
3	3345.44	Regional	81.24	225.62	228.12	228.12	228.4	0.005295	3.75	55.51	75.6	0.77
3	3345.44	TMIG_100yr	23.67	225.62	227.33	227.18	227.6	0.005261	2.87	13.88	17.06	0.71
3	3345.44	TMIG_50yr	19.87	225.62	227.6	227.06	227.7	0.001818	1.87	20.24	47.75	0.43
3	3345.44	TMIG_25yr	15.93	225.62	227.46	226.94	227.56	0.001787	1.76	16.73	29.43	0.42
3	3345.44	TMIG_10yr	11.01	225.62	226.99	226.66	227.15	0.003392	1.99	8.04	14.09	0.55
3	3345.44	TMIG_5yr	8.14	225.62	226.5	226.5	226.82	0.012118	2.74	3.73	6.31	0.96
3	3345.44	TMIG_2yr	4.92	225.62	226.28	226.28	226.53	0.013292	2.35	2.5	5.34	0.96
3	3333.17		Culvert		KERRYBROOK DRIVE							
3	3322.44	Regional	86.55	225.34	227.85	227.35	227.91	0.001573	2.06	93.67	84.41	0.42
3	3322.44	TMIG_100yr	23.67	225.34	226.97	226.89	227.08	0.003059	2.14	27.69	65.35	0.54
3	3322.44	TMIG_50yr	19.87	225.34	227.54	226.85	227.54	0.000205	0.68	68.59	78.8	0.15
3	3322.44	TMIG_25yr	15.93	225.34	227.29	226.58	227.3	0.000322	0.78	49.81	74.06	0.18
3	3322.44	TMIG_10yr	11.01	225.34	226.94	226.36	226.97	0.000746	1.05	26.21	64.62	0.27
3	3322.44	TMIG_5yr	8.14	225.34	226.65	226.2	226.75	0.002243	1.58	7.16	44.14	0.45
3	3322.44	TMIG_2yr	4.92	225.34	226.37	225.99	226.44	0.00216	1.31	4.95	7.19	0.42
3	3308.84	Regional	86.55	225.33	227.32	227.32	227.76	0.011633	4.74	37.21	37.11	1.09
3	3308.84	TMIG_100yr	23.67	225.33	226.93	226.93	227.03	0.003225	2.15	23.36	34.57	0.55
3	3308.84	TMIG_50yr	19.87	225.33	226.83	226.83	227.37	0.011412	3.87	8	32.78	1.03
3	3308.84	TMIG_25yr	15.93	225.33	226.68	226.68	227.15	0.011007	3.54	6.66	29.5	0.99
3	3308.84	TMIG_10yr	11.01	225.33	226.45	226.45	226.84	0.011435	3.15	4.88	24.45	0.98
3	3308.84	TMIG_5yr	8.14	225.33	226.28	226.28	226.62	0.011842	2.87	3.82	18.23	0.97
3	3308.84	TMIG_2yr	4.92	225.33	226.06	226.06	226.32	0.012698	2.47	2.56	7.97	0.96
3	3287.86	Regional	86.55	224.8	226.27	226.27	226.57	0.01714	4.08	54.45	75.32	1.19
3	3287.86	TMIG_100yr	23.67	224.8	225.89	225.89	226.03	0.010674	2.49	25.9	71.05	0.88
3	3287.86	TMIG_50yr	19.87	224.8	225.85	225.79	225.98	0.010036	2.33	23.15	69.71	0.84
3	3287.86	TMIG_25yr	15.93	224.8	225.78	225.78	225.91	0.009879	2.19	18.95	65.1	0.83
3	3287.86	TMIG_10yr	11.01	224.8	225.83	225.71	225.87	0.003444	1.35	21.88	68.1	0.49
3	3287.86	TMIG_5yr	8.14	224.8	225.69	225.69	225.76	0.005883	1.54	13.2	57.77	0.62
3	3287.86	TMIG_2yr	4.92	224.8	225.52	225.52	225.76	0.016292	2.16	2.28	30.33	0.99
3	3252.01	Regional	86.55	224.23	226.26	225.82	226.31	0.002456	2.23	121.48	117.14	0.51
3	3252.01	TMIG_100yr	23.67	224.23	225.5	225.5	225.6	0.004695	2.24	38.21	96.6	0.65
3	3252.01	TMIG_50yr	19.87	224.23	225.89	225.5	225.9	0.000465	0.85	79.05	113.53	0.21
3	3252.01	TMIG_25yr	15.93	224.23	225.62	225.48	225.64	0.001093	1.15	49.93	101.52	0.32
3	3252.01	TMIG_10yr	11.01	224.23	225.31	225.24	225.65	0.009446	2.85	5.78	84.36	0.89
3	3252.01	TMIG_5yr	8.14	224.23	225.12	225.08	225.42	0.010758	2.66	4.4	35.06	0.92
3	3252.01	TMIG_2yr	4.92	224.23	224.91	224.87	225.13	0.011096	2.23	3.02	14.88	0.89
3	3199.48	Regional	86.55	223.68	226.22	225.33	226.24	0.000783	1.46	178.99	123.07	0.3
3	3199.48	TMIG_100yr	23.67	223.68	224.95	224.95	225.1	0.006912	2.7	31.85	98.34	0.78
3	3199.48	TMIG_50yr	19.87	223.68	224.94	224.94	225.75	0.019378	4.49	8.95	96.8	1.31
3	3199.48	TMIG_25yr	15.93	223.68	224.94	224.94	225.46	0.012455	3.6	8.95	96.8	1.05
3	3199.48	TMIG_10yr	11.01	223.68	224.8	224.75	225.16	0.009703	2.92	5.92	69.21	0.9
3	3199.48	TMIG_5yr	8.14	223.68	224.72	224.57	224.96	0.007121	2.38	5.22	52.49	0.76
3	3199.48	TMIG_2yr	4.92	223.68	224.46	224.35	224.64	0.007593	2.01	3.4	23	0.75
3	3100	Regional	86.55	223.48	226.17		226.18	0.000618	1.37	179.95	101.01	0.27
3	3100	TMIG_100yr	23.67	223.48	224.77		224.79	0.001496	1.3	54.25	74.67	0.37

HEC-RAS MODEL OUTPUT
Reach: PATTERSON CK - 3

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
3	3100	TMIG_50yr	19.87	223.48	224.69		224.7	0.001444	1.22	48.31	68.73	0.36
3	3100	TMIG_25yr	15.93	223.48	224.55		224.57	0.001683	1.22	39.47	64.17	0.38
3	3100	TMIG_10yr	11.01	223.48	224.18		224.24	0.008655	2.08	16.37	58.39	0.8
3	3100	TMIG_5yr	8.14	223.48	224.1	224	224.16	0.009444	1.99	11.98	43.19	0.82
3	3100	TMIG_2yr	4.92	223.48	224.08	223.87	224.11	0.003962	1.26	11.32	40.32	0.53
3	3044.26	Regional	86.55	223.23	226.16		226.16	0.00015	0.69	311.63	149.2	0.13
3	3044.26	TMIG_100yr	23.67	223.23	224.76		224.76	0.000162	0.45	127.3	113.85	0.12
3	3044.26	TMIG_50yr	19.87	223.23	224.68		224.68	0.000142	0.41	118.18	111.69	0.11
3	3044.26	TMIG_25yr	15.93	223.23	224.55		224.55	0.000132	0.37	103.63	105.72	0.11
3	3044.26	TMIG_10yr	11.01	223.23	224.18		224.18	0.000254	0.4	65.95	100.13	0.14
3	3044.26	TMIG_5yr	8.14	223.23	223.62		223.64	0.008409	1.08	16.24	76.61	0.67
3	3044.26	TMIG_2yr	4.92	223.23	223.43	223.43	223.48	0.089552	1.81	5.01	43.94	1.84
3	3000.66	Regional	86.55	222.51	226.15		226.16	0.000097	0.66	366.99	165.9	0.11
3	3000.66	TMIG_100yr	23.67	222.51	224.76		224.76	0.000063	0.39	170.85	123.5	0.08
3	3000.66	TMIG_50yr	19.87	222.51	224.68		224.68	0.000053	0.34	161.01	120.85	0.08
3	3000.66	TMIG_25yr	15.93	222.51	224.54		224.54	0.000046	0.31	145.23	117.39	0.07
3	3000.66	TMIG_10yr	11.01	222.51	224.18		224.18	0.000055	0.29	104.46	105.44	0.07
3	3000.66	TMIG_5yr	8.14	222.51	223.61		223.61	0.000202	0.42	51.76	79.96	0.13
3	3000.66	TMIG_2yr	4.92	222.51	223.18		223.18	0.000988	0.66	20.37	65.24	0.27
3	2960.08	Regional	86.55	222.39	226.15		226.15	0.000134	0.5	298.86	123.94	0.08
3	2960.08	TMIG_100yr	23.67	222.39	224.75		224.75	0.000061	0.24	155.87	88.48	0.05
3	2960.08	TMIG_50yr	19.87	222.39	224.67		224.67	0.000049	0.21	148.84	87.34	0.05
3	2960.08	TMIG_25yr	15.93	222.39	224.54		224.54	0.000039	0.18	137.47	84.06	0.04
3	2960.08	TMIG_10yr	11.01	222.39	224.17		224.18	0.000039	0.16	108.14	77.08	0.04
3	2960.08	TMIG_5yr	8.14	222.39	223.6		223.61	0.000098	0.19	66.09	70.56	0.06
3	2960.08	TMIG_2yr	4.92	222.39	223.16		223.16	0.00025	0.21	35.78	65.28	0.09
3	2951.69	Regional	86.55	222.34	226.14	224.29	226.15	0.000134	0.8	287.53	121.52	0.13
3	2951.69	TMIG_100yr	23.67	222.34	224.75	223.56	224.75	0.000134	0.59	97.47	88.32	0.12
3	2951.69	TMIG_50yr	19.87	222.34	224.67	223.46	224.67	0.000107	0.52	93.31	86.61	0.11
3	2951.69	TMIG_25yr	15.93	222.34	224.54	223.35	224.54	0.000086	0.44	86.52	83.69	0.1
3	2951.69	TMIG_10yr	11.01	222.34	224.13	223.2	224.17	0.000616	1.04	19.43	75.59	0.25
3	2951.69	TMIG_5yr	8.14	222.34	223.54	223.1	223.59	0.001644	1.29	11.66	68.57	0.38
3	2951.69	TMIG_2yr	4.92	222.34	222.95	222.91	223.11	0.010332	2.04	4.14	50.24	0.85
3	2940.09		Culvert									
3	2920.21	Regional	86.55	222.12	226.12	223.79	226.13	0.00017	0.92	275.26	136.21	0.15
3	2920.21	TMIG_100yr	23.67	222.12	223.47	223.24	223.54	0.003066	1.87	34.9	50.37	0.52
3	2920.21	TMIG_50yr	19.87	222.12	223.51	223.19	223.56	0.001835	1.48	36.95	50.82	0.41
3	2920.21	TMIG_25yr	15.93	222.12	223.46	223.18	223.5	0.001451	1.28	34.37	50.25	0.36
3	2920.21	TMIG_10yr	11.01	222.12	223.46	223.1	223.48	0.000701	0.89	34.22	50.22	0.25
3	2920.21	TMIG_5yr	8.14	222.12	223.21	222.92	223.23	0.001362	1.07	21.66	47.91	0.34
3	2920.21	TMIG_2yr	4.92	222.12	222.71	222.71	222.94	0.015438	2.33	3	7.01	1.01
3	2903.65	Regional	86.55	221.77	226.13	222.72	226.13	0.000045	0.41	393.22	130.01	0.06
3	2903.65	TMIG_100yr	23.67	221.77	223.52	222.66	223.52	0.00007	0.27	133.52	76.53	0.07
3	2903.65	TMIG_50yr	19.87	221.77	223.54	222.58	223.54	0.000047	0.22	135.34	76.81	0.06
3	2903.65	TMIG_25yr	15.93	221.77	223.48	222.48	223.48	0.000033	0.18	131	76.19	0.05
3	2903.65	TMIG_10yr	11.01	221.77	223.47	222.36	223.47	0.000016	0.13	130	76.06	0.03
3	2903.65	TMIG_5yr	8.14	221.77	223.22	222.28	223.22	0.000014	0.1	111.43	73.88	0.03
3	2903.65	TMIG_2yr	4.92	221.77	222.67	222.17	222.68	0.000888	0.57	10.96	63.91	0.22
3	2889.2	Regional	86.55	221.55	226.13	222.57	226.13	0.000011	0.17	418.82	125.55	0.03
3	2889.2	TMIG_100yr	23.67	221.55	223.52	222.57	223.52	0.000012	0.09	152.25	83.28	0.02
3	2889.2	TMIG_50yr	19.87	221.55	223.54	222.57	223.54	0.000008	0.08	154.23	83.53	0.02
3	2889.2	TMIG_25yr	15.93	221.55	223.48	222.57	223.48	0.000006	0.06	149.51	82.94	0.02
3	2889.2	TMIG_10yr	11.01	221.55	223.47	222.45	223.47	0.000003	0.04	148.43	82.81	0.01
3	2889.2	TMIG_5yr	8.14	221.55	223.22	222.32	223.22	0.000002	0.04	128.22	80.46	0.01
3	2889.2	TMIG_2yr	4.92	221.55	222.68	222.15	222.68	0.000003	0.03	86.13	66.24	0.01
3	2841.95	Regional	86.55	221.49	226.13	222.43	226.13	0.000008	0.14	442.56	132.54	0.02
3	2841.95	TMIG_100yr	23.67	221.49	223.52	222.43	223.52	0.000008	0.07	178.88	88.08	0.02
3	2841.95	TMIG_50yr	19.87	221.49	223.54	222.43	223.54	0.000006	0.06	180.99	88.22	0.02
3	2841.95	TMIG_25yr	15.93	221.49	223.48	222.43	223.48	0.000004	0.05	176	87.9	0.01
3	2841.95	TMIG_10yr	11.01	221.49	223.47	222.38	223.47	0.000002	0.03	174.85	87.82	0.01
3	2841.95	TMIG_5yr	8.14	221.49	223.22	222.26	223.22	0.000002	0.03	153.28	86.43	0.01
3	2841.95	TMIG_2yr	4.92	221.49	222.68	222.08	222.68	0.000002	0.02	107.43	80.07	0.01
3	2777.8	Regional	86.55	221.48	226.13	222.17	226.13	0.000016	0.32	680.76	210.82	0.05
3	2777.8	TMIG_100yr	23.67	221.48	223.52	222.17	223.52	0.000018	0.19	269.89	138.08	0.04
3	2777.8	TMIG_50yr	19.87	221.48	223.54	222.17	223.54	0.000012	0.16	273.21	138.44	0.04
3	2777.8	TMIG_25yr	15.93	221.48	223.48	222.17	223.48	0.000009	0.13	265.4	137.58	0.03
3	2777.8	TMIG_10yr	11.01	221.48	223.47	222.17	223.47	0.000004	0.09	263.62	137.38	0.02
3	2777.8	TMIG_5yr	8.14	221.48	223.22	222.17	223.22	0.000004	0.08	230.22	132.94	0.02
3	2777.8	TMIG_2yr	4.92	221.48	222.68	222.04	222.68	0.000004	0.06	159.25	126.76	0.02
3	2770.5	Regional	86.55	221.49	226.13	223.46	226.13	0.000023	0.28	646.4	235.92	0.04
3	2770.5	TMIG_100yr	23.67	221.49	223.27	222.77	223.46	0.005569	2.25	14.52	134.04	0.54
3	2770.5	TMIG_50yr	19.87	221.49	223.4	222.67	223.51	0.002895	1.7	17.38	136.56	0.4
3	2770.5	TMIG_25yr	15.93	221.49	223.39	222.55	223.46	0.001897	1.38	17.27	136.39	0.32
3	2770.5	TMIG_10yr	11.01	221.49	223.43	222.33	223.46	0.000842	0.93	17.72	137.05	0.21
3	2770.5	TMIG_5yr	8.14	221.49	223.19	222.2	223.22	0.000784	0.82	13.74	132.82	0.2
3	2770.5	TMIG_2yr	4.92	221.49	222.64	222.02	222.67	0.001325	0.82	8.31	116.42	0.25
3	2760.58		Culvert									
3	2750.29	Regional	86.55	220.73	226.13	222.53	226.13	0.000006	0.22	751.56	236.92	0.03
3	2750.29	TMIG_100yr	23.67	220.73	222.9	222.1	222.91	0.000011	0.16	154.78	105.84	0.03
3	2750.29	TMIG_50yr	19.87	220.73	222.32	221.97	222.58	0.004339	2.51	11.83	60.18	0.65
3	2750.29	TMIG_25yr	15.93	220.73	221.83	221.83	222.25	0.011302	3.14	7.21	50.63	0.98
3	2750.29	TMIG_10yr	11.01	220.73	221.63	221.63	221.97	0.011528	2.76	5.49	47.42	0.95
3	2750.29	TMIG_5yr	8.14	220.73	221.49	221.49	221.78	0.012644	2.55	4.24	45.23	0.97
3	2750.29	TMIG_2yr	4.92	220.73	221.3	221.3	221.52	0.014058	2.18	2.79	42.38	0.97

HEC-RAS MODEL OUTPUT
Reach: PATTERSON CK - 3

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
3	2741.6	Regional	86.55	220.18	226.12	221.22	226.13	0.000007	0.25	702.88	238.64	0.03
3	2741.6	TMIG_100yr	23.67	220.18	222.9	221.22	222.91	0.000012	0.19	147.25	66.42	0.04
3	2741.6	TMIG_50yr	19.87	220.18	222.45	221.22	222.45	0.000016	0.19	118.39	60.63	0.04
3	2741.6	TMIG_25yr	15.93	220.18	221.96	221.22	221.96	0.000022	0.19	89.67	56.93	0.05
3	2741.6	TMIG_10yr	11.01	220.18	221.39	221.06	221.39	0.000033	0.18	58.73	52.5	0.05
3	2741.6	TMIG_5yr	8.14	220.18	220.95	220.95	221.24	0.012734	2.55	4.33	42.3	0.97
3	2741.6	TMIG_2yr	4.92	220.18	220.76	220.76	220.98	0.013663	2.17	2.87	38.54	0.96
3	2699.05	Regional	86.55	219.05	226.12		226.13	0.000032	0.59	466.66	158.44	0.07
3	2699.05	TMIG_100yr	23.67	219.05	222.9		222.9	0.000052	0.5	103.65	43.28	0.08
3	2699.05	TMIG_50yr	19.87	219.05	222.44		222.45	0.000062	0.5	84.72	39.4	0.09
3	2699.05	TMIG_25yr	15.93	219.05	221.95		221.96	0.000073	0.49	66.57	34.81	0.09
3	2699.05	TMIG_10yr	11.01	219.05	221.39		221.39	0.000079	0.43	48.51	28.93	0.09
3	2699.05	TMIG_5yr	8.14	219.05	220.99		221	0.000084	0.39	38	24.83	0.09
3	2699.05	TMIG_2yr	4.92	219.05	220.31		220.31	0.000145	0.38	22.61	20.7	0.11
3	2692.27	Regional	86.78	218.8	226.11	222.37	226.12	0.000076	0.91	343.98	141.23	0.11
3	2692.27	TMIG_100yr	24.6	218.8	222.76	220.45	222.87	0.000482	1.5	18.07	35.3	0.25
3	2692.27	TMIG_50yr	20.66	218.8	222.32	220.29	222.42	0.000515	1.43	15.93	30.62	0.25
3	2692.27	TMIG_25yr	16.4	218.8	221.85	220.1	221.93	0.000538	1.32	13.67	26.09	0.25
3	2692.27	TMIG_10yr	11.63	218.8	221.31	219.88	221.37	0.000541	1.16	11.08	20.67	0.24
3	2692.27	TMIG_5yr	8.57	218.8	220.93	219.71	220.98	0.000526	1.02	9.28	18.38	0.23
3	2692.27	TMIG_2yr	5.24	218.8	220.25	219.51	220.3	0.000811	0.95	6.02	14.34	0.27
3	2671.84		Culvert		MAJOR MACKENZIE DRIVE							

REVISIONS

NO.	DESCRIPTION	BY	DATE
1	Flood Plain Mapping removed west of Belmont St. from cross-sections		2010-09-27
	19.004-19.706 as part of CFN 30749. See sheet 27A.		

LEGEND

Cross-Section Label

Cross-Section Leader Line

Regional Flood Elevation (m)

Cross-Section Number → 14.060 172.00 / 172.00

100 Year Existing Flood Elevation (m)

Cross-Section Length

REGULATORY FLOOD ELEVATION IS THE HIGHER OF THE TWO ELEVATIONS DISPLAYED

LEGEND

Contour Index	Trail
Contour Intermediate	Bridge
Contour Auxiliary	Wooded Area
Contour Depression	Tree
Contour Text 100.20	Hedge
Spot Height 100.10	Fence
Road	Water Feature
Parking Lot	Culvert Symbol
Race Track	Culvert to Scale
Wall	Dam
Retaining Wall	Pool
Rail Line	Building
Runway	Pit
Silo, Smoke, Tank	Pile
Marsh Symbol	Regulatory Flood Line
Marsh Boundary	
Township Fabric	
Hydro Tower	

This map was compiled photogrammetrically from 1/10000 aerial photography flown in 2002.

The vertical datum is mean sea level as established by the Geodetic Survey of Canada. CGVD 1928-1978 Ontario Adjusted Version

The horizontal datum is North American Datum 1983, U.T.M. 6° projection Grid interval 100 metres.

PLEASE NOTE: FLOODLINE ELEVATIONS ARE SUBJECT TO CHANGE DUE TO REVISED INFORMATION.

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PROVINCE OF ONTARIO LAND SURVEYOR CR99

DATE ISSUED JULY 20 2004

PLEASE NOTE: THE ONTARIO LAND SURVEYOR STAMP VERIFIES ONLY THE TOPOGRAPHIC AND PLANIMETRIC DATA NOT THE GIS/DIGITAL DATA UNLESS OTHERWISE NOTED

EarthTech
A Tyco International Ltd. Company

LICENSED PROFESSIONAL ENGINEER B.R. RICHERT PROVINCE OF ONTARIO

PLEASE NOTE: THE PROFESSIONAL ENGINEER'S STAMP VERIFIES THE FLOOD LINE AND ASSOCIATED DATA NOT THE MAP DATA UNLESS OTHERWISE NOTED

FLOOD PLAIN MAPPING PROGRAM

FLOODLINE APPROVED DATE: 2008-06-13

TORONTO AND REGION Conservation
for The Living City
5 Shoreham Drive Downsview Ontario M3N 1S4 (416) 661-6600

Scale 1:2000

100 0 100 200 Metres

200 0 200 400 600 800 1000 Feet

CONTOUR INTERVAL 1.0 METRES

DON RIVER

SHEET No. 27