

RAS Model Data

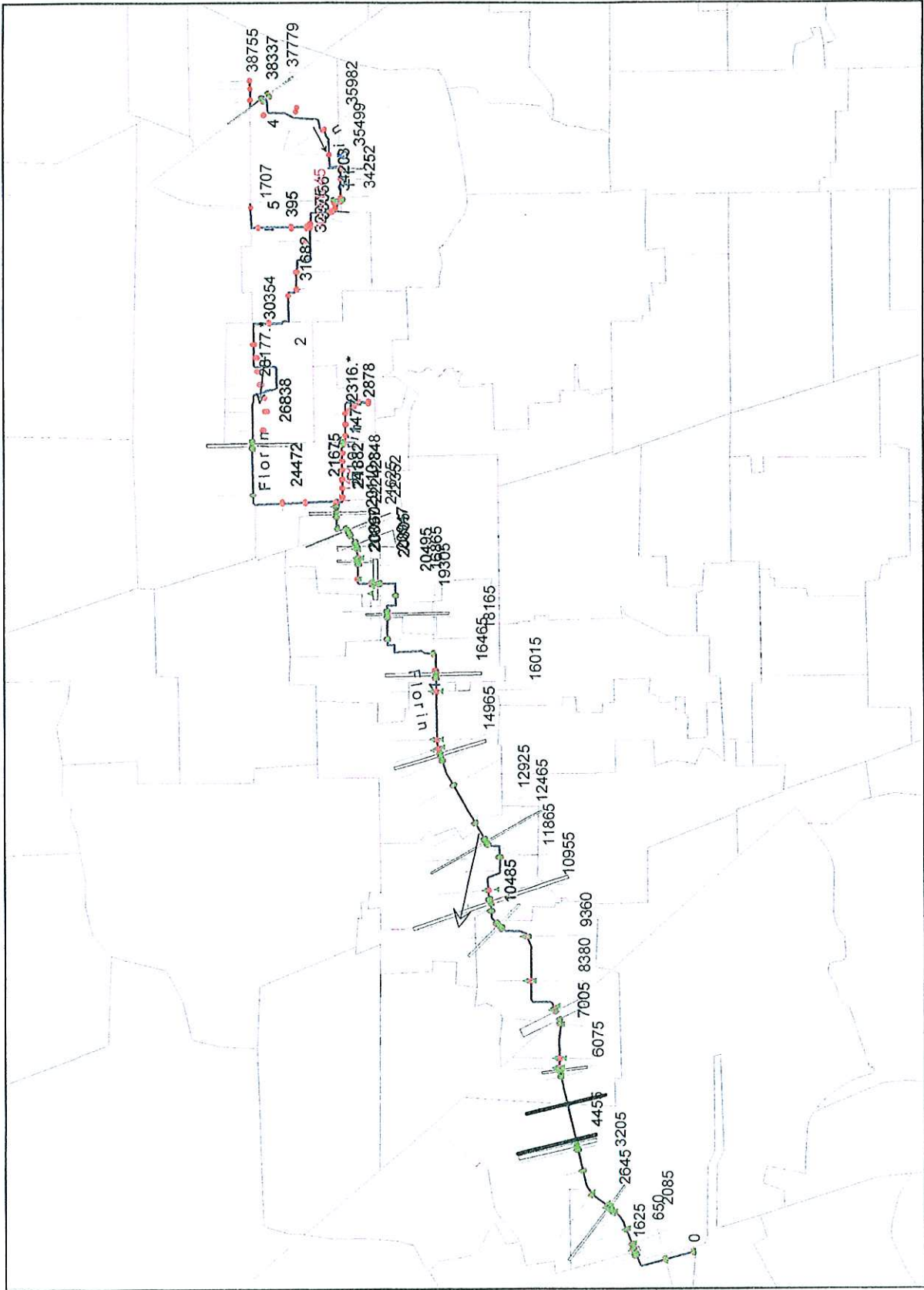
For

Florin Creek – Pre Fvcp

Model Schematic Layout

Input Hydrograph Summary

Summary Output Table



RAS Input Hydrograph Summary

River	Reach	Location	Starts at Xsect	Ends at Xsect	Type	DSS File	DSS Path
Florin	4	38755			Flow Hydrograph	FlorinPre.dss	/FLORIN C/CRA4/FLOW/31DEC1999/1MIN/100YR-24HR/
Florin	4	37737	37437		Uniform Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F4B/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	5	1707			Flow Hydrograph	FlorinPre.dss	/FLORIN C/F4B1/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	3	2478	848		Flow Hydrograph	FlorinPre.dss	/FLORIN C/CF2/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	2	2652	30354		Uniform Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F3/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	2	32055	27251		Uniform Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F4C/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	2	29972	23372		Uniform Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F4D/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	2	24472	21675		Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F5/FLOW/31DEC1999/1MIN/100YR-24HR/
Florin	1	22132	21675		Uniform Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F6/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	1	21555	19305		Uniform Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F7/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	1	18785	18735		Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F8/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	1	16465	16415		Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F9/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	1	16015			Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F10/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	1	12365	11865		Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/PMB25/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	1	10760			Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F12/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	1	7370	7300		Uniform Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F13/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	1	6025	5255		Uniform Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F14/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	1	4455	3775		Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F15/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	1	0			Stage Hydrograph	eglowr.dss	/ELDER REACH1/0.671/STAGE/01DEC1999/15MIN/ELDER 100YR/

HEC-RAS Plan: FlorinPre Profile: Max WS

Reach	River Sta	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
1	0	412.30	4.40	18.92	7.89	18.93	0.000039	1.00	410.92	45.00	0.08
1	650	448.70	7.50	18.96		18.99	0.000080	1.28	414.08	2504.81	0.09
1	1460	504.87	7.60	19.06		19.09	0.000129	1.43	363.49	1100.00	0.11
1	1520	508.82	7.60	19.07		19.10	0.000033	1.35	377.57	59.37	0.09
1	1572.5	Bridge									
1	1625	508.82	7.60	19.10	11.48	19.13	0.000033	1.34	379.25	59.44	0.09
1	1735	513.41	7.80	19.10		19.14	0.000127	1.60	379.59	1700.00	0.11
1	2085	529.20	7.90	19.15		19.20	0.000187	1.77	346.49	1700.00	0.13
1	2555	540.47	8.10	19.25		19.30	0.000201	1.89	330.22	1843.69	0.13
1	2645	542.65	8.00	19.27		19.27	0.000001	0.15	7169.09	1859.63	0.01
1	2695	542.82	8.30	19.28		19.33	0.000054	1.79	375.74	1950.07	0.12
1	2720	Bridge									
1	2745	542.82	8.30	19.33	12.56	19.37	0.000053	1.78	374.06	1968.15	0.12
1	2795	543.34	8.30	19.33		19.38	0.000209	1.95	331.42	2211.79	0.13
1	3205	543.07	8.40	19.42		19.49	0.000272	2.12	269.22	1587.88	0.15
1	3775	544.79	8.60	19.58		19.66	0.000293	2.19	250.72	775.87	0.16
1	4245	563.54	8.90	19.73		19.80	0.000287	2.18	261.59	1554.94	0.16
1	4303	549.08	9.00	19.64		19.82	0.000265	3.36	175.92	1568.44	0.19
1	4354	Bridge									
1	4405	585.44	9.00	19.81	13.14	20.00	0.000281	3.51	184.94	1584.56	0.20
1	4455	707.21	10.60	19.87		20.14	0.001303	4.23	167.04	33.11	0.31
1	5255	707.30	11.10	20.82		20.99	0.000821	3.35	211.41	43.38	0.25
1	5875	670.96	11.70	21.28		21.37	0.000358	2.44	287.38	620.07	0.16
1	5975	665.13	12.30	21.34		21.40	0.000285	2.18	393.56	964.84	0.13
1	6000	Bridge									
1	6025	665.29	12.30	21.47	15.29	21.48	0.000078	1.15	1233.57	994.37	0.07
1	6075	665.30	12.40	21.47		21.50	0.000136	1.46	636.57	1358.99	0.10
1	6275	665.35	12.80	21.50		21.52	0.000126	1.40	696.32	1366.57	0.10
1	7005	669.71	13.50	21.62		21.67	0.000270	1.80	484.48	738.27	0.14
1	7110	666.50	16.00	21.57		21.93	0.002743	4.78	139.34	25.00	0.36
1	7120	668.72	16.00	21.60		21.96	0.002717	4.77	140.12	25.00	0.36
1	7205	Bridge									
1	7290	688.93	16.00	22.56	18.86	22.83	0.001815	4.19	164.06	25.00	0.29
1	7300	687.16	16.00	22.58		22.85	0.001801	4.18	164.55	25.00	0.29
1	7370	663.79	16.20	22.81		22.85	0.000248	1.77	550.57	1246.74	0.13
1	8380	671.67	16.70	23.11		23.17	0.000442	2.24	451.45	1063.61	0.18
1	9360	696.86	17.40	23.68		23.79	0.000821	2.78	314.52	470.05	0.23
1	10020	712.65	17.60	24.13		24.26	0.000811	2.89	304.87	308.60	0.23
1	10070	713.19	17.30	24.15		24.33	0.001134	3.60	348.26	411.11	0.24
1	10102.5	Bridge									
1	10135	715.70	17.49	24.37	20.43	24.51	0.000967	3.35	474.75	705.26	0.23
1	10185	718.35	17.80	24.43		24.52	0.000550	2.51	418.84	540.32	0.20
1	10485	722.46	17.80	24.60		24.71	0.000713	2.71	287.32	249.72	0.22
1	10635	722.74	17.20	24.61		25.00	0.002657	5.01	144.12	19.99	0.33
1	10872.5	Bridge									
1	10710	727.07	18.00	25.03	21.45	25.45	0.002934	5.17	140.54	20.00	0.34
1	10760	694.49	18.10	25.42		25.50	0.000404	2.27	305.94	1135.72	0.17
1	10955	694.54	18.30	25.52		25.56	0.000280	1.87	572.08	1013.26	0.14
1	11865	694.82	18.50	25.85		25.94	0.000615	2.46	359.05	601.71	0.20
1	12365	665.62	18.60	26.11		26.21	0.000505	2.56	260.26	42.43	0.18
1	12415	665.62	18.70	26.12		26.26	0.001231	2.96	225.03	31.00	0.19
1	12440	Bridge									
1	12465	666.64	18.70	26.76	21.18	26.88	0.000934	2.72	244.93	1284.02	0.17
1	12515	666.64	18.60	26.82		26.91	0.000421	2.39	284.99	669.16	0.17
1	12925	666.68	19.10	27.00		27.09	0.000447	2.43	279.13	649.00	0.17
1	13895	670.68	19.70	27.43		27.52	0.000440	2.40	283.10	89.35	0.17
1	14495	677.60	19.70	27.70		27.80	0.000500	2.62	275.50	157.93	0.18
1	14595	677.61	19.80	27.71		27.87	0.000855	3.17	213.69	27.00	0.20
1	14630	Bridge									
1	14665	687.59	19.80	28.23	22.52	28.37	0.000737	3.02	227.48	27.00	0.18
1	14765	689.20	19.90	28.33		28.42	0.000376	2.36	329.14	692.82	0.16
1	14965	690.56	20.00	28.41		28.50	0.000378	2.36	333.81	751.24	0.16
1	16015	607.64	20.60	28.82		28.89	0.000344	2.19	314.76	667.45	0.15
1	16295	608.30	20.70	28.91		28.99	0.000373	2.29	274.09	97.03	0.16
1	16345	607.73	21.00	28.87		29.02	0.000777	3.15	193.00	35.98	0.20
1	16380	Bridge									
1	16415	610.33	21.00	29.15	23.79	29.30	0.000696	3.05	200.02	37.63	0.19
1	16465	533.66	21.30	29.27		29.39	0.000939	2.81	189.95	42.97	0.24
1	16865	533.74	21.70	29.59		29.68	0.000488	2.39	223.07	177.92	0.18

HEC-RAS Plan: FlorinPre Profile: Max WS (Continued)

Reach	River Sta	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
1	18165	534.00	22.50	30.31		30.43	0.000664	2.71	197.00	95.72	0.21
1	18635	534.77	23.30	30.74		30.92	0.001424	3.37	158.81	36.84	0.29
1	18685	535.20	23.50	30.79		30.99	0.001349	3.58	149.30	20.50	0.23
1	18710	Bridge									
1	18735	535.58	23.50	30.99	26.27	31.18	0.001249	3.49	153.55	20.50	0.22
1	18785	474.22	23.80	31.14		31.27	0.000876	2.93	161.68	160.09	0.23
1	19305	519.32	24.30	31.64		31.79	0.000996	3.13	165.99	260.52	0.25
1	19905	501.46	24.60	32.19		32.30	0.000692	2.68	210.44	120.14	0.21
1	19955	500.62	24.70	32.18		32.34	0.000978	3.27	153.26	73.00	0.21
1	20007.5	Bridge									
1	20060	500.59	24.70	33.10	27.34	33.19	0.000501	2.50	274.88	333.63	0.15
1	20110	499.02	24.70	33.13		33.20	0.000334	2.12	305.27	816.42	0.15
1	20495	489.00	24.80	33.26		33.32	0.000300	2.03	327.77	707.15	0.14
1	20805	480.98	25.00	33.35		33.42	0.000349	2.00	244.84	92.36	0.15
1	20855	475.80	25.60	33.21		33.51	0.001265	4.44	130.21	245.27	0.29
1	20676	Culvert									
1	20897	491.68	25.60	34.53		34.60	0.000351	2.61	479.63	670.06	0.16
1	20947	489.98	25.70	34.56		34.59	0.000171	1.57	427.52	715.47	0.11
1	21145	482.05	25.90	34.59		34.63	0.000213	1.72	342.35	677.62	0.12
1	21195	479.78	26.30	34.54		34.67	0.000834	2.95	162.84	39.24	0.19
1	21225	Bridge									
1	21255	480.41	26.30	34.91	29.31	35.04	0.000734	2.81	170.78	233.99	0.17
1	21305	478.29	26.40	35.01		35.04	0.000177	1.46	619.20	555.88	0.11
1	21485	470.80	26.50	35.05		35.13	0.000435	2.27	216.42	818.01	0.17
1	21555	467.88	26.70	35.07		35.16	0.000461	2.38	196.75	30.00	0.16
1	21605	467.88	26.70	35.05		35.19	0.000859	3.07	152.35	22.20	0.21
1	21615	Bridge									
1	21625	467.88	26.70	35.06	30.16	35.21	0.000853	3.06	152.77	22.20	0.21
1	21675	468.23	26.80	35.15		35.24	0.000450	2.36	198.55	30.00	0.16
1	21882	458.44	27.10	35.26		35.29	0.000192	1.58	647.81	669.23	0.12
1	22132	447.40	27.30	35.31		35.35	0.000233	1.68	548.26	654.51	0.13
1	22182	446.46	27.40	35.27		35.45	0.001338	3.44	129.79	16.50	0.22
1	22212	Bridge									
1	22242	450.67	27.40	35.62	30.25	35.79	0.001214	3.32	135.55	16.50	0.20
1	22352	451.34	27.50	35.81		35.86	0.000291	1.88	240.64	326.19	0.14
2	22872	196.13	27.70	35.81		35.82	0.000114	1.11	176.01	31.43	0.08
2	23372	197.16	28.20	35.87		35.89	0.000143	1.21	162.48	30.38	0.09
2	24472	176.52	29.10	36.06		36.08	0.000188	1.31	134.36	57.20	0.10
2	25492	181.20	29.20	36.29		36.32	0.000275	1.52	119.52	33.65	0.13
2	25532	181.20	29.30	36.28		36.34	0.000638	2.08	87.20	12.50	0.14
2	25572	Bridge									
2	25612	181.83	29.30	36.33	31.17	36.40	0.000629	2.07	87.91	12.50	0.14
2	25662	183.02	29.90	36.38		36.42	0.000323	1.71	106.88	36.65	0.14
2	26838	188.55	33.30	37.50		37.59	0.001662	2.38	79.07	32.11	0.27
2	27251	189.85	33.40	37.90		37.90	0.000084	0.64	647.81	599.96	0.06
2	27714.*	181.90	33.52	37.97		37.99	0.000274	1.10	333.00	425.34	0.11
2	28177.*	183.97	33.64	38.16		38.20	0.000627	1.61	163.30	247.17	0.17
2	28640.*	187.22	33.76	38.48		38.53	0.000733	1.75	108.53	75.97	0.18
2	29103.*	175.49	33.88	38.80		38.84	0.000558	1.59	110.55	36.38	0.16
2	29972	159.36	34.00	39.04		39.07	0.000419	1.42	112.38	35.01	0.14
2	30354	159.41	34.70	39.58		39.64	0.001029	2.09	76.28	25.42	0.21
2	31372	108.70	36.80	41.19		41.23	0.002033	2.17	96.42	135.86	0.29
2	31580	99.25	39.00	41.66		41.82	0.003381	3.39	48.45	109.43	0.37
2	31595	Culvert									
2	31610	99.29	39.05	42.17		42.19	0.000706	1.73	140.57	221.50	0.17
2	31682	96.09	39.10	42.21		42.21	0.000157	0.78	255.59	239.60	0.08
2	32055	78.69	39.50	42.34		42.35	0.000572	1.07	112.30	273.48	0.15
2	32975	83.41	39.80	42.85		42.86	0.000617	1.22	184.52	392.62	0.15
3	241	255.21	28.60	35.81		35.86	0.000544	2.03	170.44	90.63	0.16
3	443.333*	261.99	28.80	35.92		35.98	0.000591	2.09	195.87	131.57	0.17
3	645.666*	268.69	29.00	36.05		36.10	0.000573	2.03	240.21	184.82	0.17
3	848	273.93	29.20	36.18		36.22	0.000578	2.00	342.69	472.73	0.17
3	1027.66*	278.89	29.37	36.27		36.32	0.000559	1.91	251.98	292.55	0.17
3	1207.33*	281.80	29.53	36.37		36.42	0.000554	1.78	211.32	202.83	0.16
3	1387	282.19	29.70	36.42		36.79	0.002316	4.89	57.72	155.99	0.36
3	1432	Culvert									
3	1477	294.14	29.80	37.17		37.49	0.001768	4.58	64.17	315.54	0.32
3	1662	290.63	30.00	37.54		37.58	0.000469	1.83	283.66	241.96	0.15
3	1905.*	286.67	30.20	37.68		37.77	0.001021	2.42	145.54	123.54	0.22

HEC-RAS Plan: FlorinPre Profile: Max WS (Continued)

Reach	River Sta	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
3	2148	286.47	30.40	37.97		38.08	0.001489	2.63	108.87	33.13	0.26
3	2316.*	286.33	30.57	38.23		38.34	0.001468	2.67	109.46	52.70	0.25
3	2484.*	282.78	30.73	38.47		38.58	0.001445	2.70	110.27	55.60	0.25
3	2652	279.66	30.90	38.72		38.84	0.001512	2.78	104.02	39.00	0.26
3	2878	280.54	31.10	39.00		39.04	0.000410	1.65	184.59	77.12	0.14
5	79	53.20	39.80	42.85		42.87	0.000773	1.20	44.36	29.07	0.17
5	80	53.20	39.90	42.85		42.88	0.000875	1.25	42.57	28.82	0.18
5	81	Inl Struct									
5	82	62.14	40.00	43.94	41.56	43.95	0.000244	0.80	77.65	39.41	0.10
5	395	62.29	42.80	44.38		44.40	0.002204	1.45	67.85	140.67	0.27
5	1119	64.22	43.40	45.80		45.85	0.001471	2.07	39.74	23.40	0.25
5	1707	65.38	44.40	46.52		46.52	0.000887	1.15	141.30	384.79	0.18
4	33055	30.20	39.90	42.85		42.86	0.000238	0.75	84.04	158.38	0.10
4	33659	38.22	40.10	43.09		43.11	0.000546	1.21	31.93	22.04	0.14
4	33743.5	38.22	40.30	43.14		43.16	0.000494	1.07	36.72	35.87	0.14
4	33753.5	38.22	40.30	43.15		43.17	0.000490	1.07	36.90	36.47	0.14
4	33770	Culvert									
4	33785.7	38.22	40.43	43.86		43.86	0.000111	0.61	108.18	174.89	0.07
4	33795	38.22	40.43	43.86		43.87	0.000111	0.61	108.38	175.13	0.07
4	33850	38.22	40.70	43.87		43.87	0.000097	0.53	132.56	211.41	0.06
4	34014	38.22	41.00	43.88		43.88	0.000105	0.53	132.46	214.25	0.07
4	34033	38.22	41.10	43.88		43.88	0.000005	0.13	325.14	180.67	0.01
4	34043	38.22	41.10	43.88		43.88	0.000005	0.13	325.15	180.67	0.01
4	34123	Culvert									
4	34193	38.45	41.20	45.33		45.33	0.000001	0.06	658.41	235.00	0.01
4	34203	38.45	41.20	45.33		45.33	0.000001	0.06	658.41	235.00	0.01
4	34252	38.44	41.40	45.33		45.33	0.000001	0.05	1637.71	1759.10	0.01
4	34623	38.84	42.40	45.34		45.34	0.000015	0.15	437.67	529.84	0.02
4	34821	41.42	42.90	45.34		45.34	0.000036	0.23	314.24	431.97	0.04
4	34844	Culvert									
4	34867	61.19	42.90	45.75		45.75	0.000021	0.21	515.03	557.08	0.03
4	35499	117.83	43.50	45.95		45.95	0.000810	1.28	247.67	501.32	0.17
4	35982	125.56	45.10	46.78		46.81	0.002140	1.75	128.76	258.93	0.28
4	36817	128.91	46.50	48.34		48.37	0.001790	1.47	112.48	263.55	0.25
4	37437	132.41	47.50	49.20		49.21	0.000944	1.29	215.63	325.29	0.19
4	37727	137.91	47.90	49.40		49.41	0.000453	0.72	216.71	339.33	0.12
4	37753	Culvert									
4	37779	141.55	48.00	51.11		51.11	0.000008	0.18	1328.49	1204.03	0.02
4	38337	143.89	49.30	51.15		51.15	0.000146	0.52	488.06	525.31	0.08
4	38583	145.78	49.50	51.20		51.20	0.000209	0.61	445.98	582.61	0.09
4	38755	149.66	49.60	51.23		51.23	0.000208	0.60	451.73	525.68	0.09