

RAS Model Data

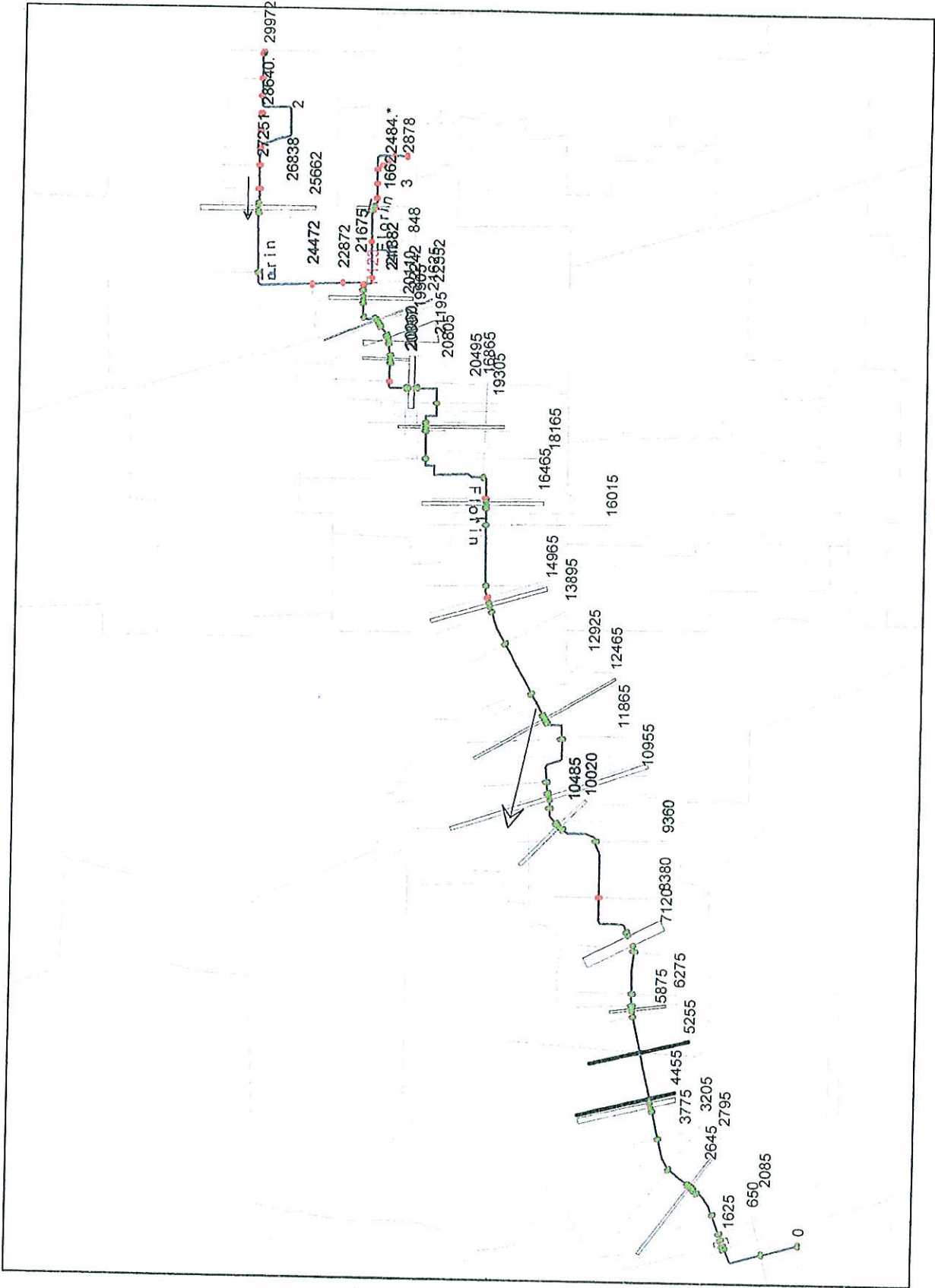
For

Florin Creek – Post Fvcp

Model Schematic Layout

Input Hydrograph Summary

Summary Output Table



RAS Input Hydrograph Summary

River	Reach	Starts at Location	Ends at xsect	Type	DSS File	DSS Path
Florin	3	2878		Flow Hydrograph	SummOutflow.dss	/FLORIN/SMMOUT SC2/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	3	2652	848	Uniform Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F3/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	2	29972		Flow Hydrograph	SummOutflow.dss	/FLORIN/SMMOUT MH/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	2	28566	27251	Uniform Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F4/FLOW/01JAN2000/1MIN/100YR-24HR/
Florin	2	24472	23372	Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/F5/FLOW/01JAN2000/1MIN/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	Uniform 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	Uniform Lateral Inflow Hydrograph	FlorinPre.dss	/FLORIN C/PMPD25/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	5285	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	eg1omr.dss	/ELDER REACH1/0.671/STAGE/01DEC1999/15MIN/ELDER 100YR/

HEC-RAS Plan: XP SWMM 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	427.75	4.40	18.92	7.96	18.93	0.000042	1.04	410.92	45.00	0.06
1	650	454.94	7.50	18.96		18.96	0.000000	0.09	10583.33	2504.79	0.01
1	1460	490.04	7.60	19.09		19.09	0.000007	0.34	3194.88	1100.00	0.03
1	1520	490.19	7.60	19.09		19.12	0.000031	1.29	378.89	59.42	0.09
1	1572.5	Bridge									
1	1625	494.24	7.60	19.12	11.43	19.15	0.000031	1.30	380.49	59.49	0.09
1	1735	494.83	7.80	19.12		19.12	0.000002	0.18	6037.74	1700.00	0.01
1	2085	511.74	7.90	19.17		19.17	0.000002	0.19	5805.13	1700.00	0.01
1	2555	526.53	8.10	19.26		19.26	0.000002	0.17	6700.87	1848.52	0.01
1	2645	527.66	8.00	19.29		19.29	0.000001	0.14	7201.47	1866.97	0.01
1	2695	527.69	8.30	19.30		19.30	0.000001	0.28	6944.34	1957.79	0.02
1	2720	Bridge									
1	2745	527.69	8.30	19.30	12.48	19.30	0.000001	0.28	6944.79	1957.88	0.02
1	2795	527.70	8.30	19.30		19.30	0.000006	0.32	4441.95	2193.12	0.02
1	3205	527.24	8.40	19.39		19.39	0.000008	0.36	3051.03	1561.14	0.03
1	3775	530.34	8.60	19.55		19.60	0.000239	1.97	427.71	767.69	0.14
1	4245	689.36	8.90	19.70		19.82	0.000436	2.68	257.12	1551.32	0.19
1	4303	555.61	9.00	19.61		19.61	0.000016	0.82	2625.43	1565.24	0.05
1	4354	Bridge									
1	4405	731.32	9.00	19.90	13.70	19.90	0.000018	0.89	3085.39	1592.43	0.05
1	4455	713.78	10.60	19.98		20.25	0.001260	4.19	170.35	34.13	0.30
1	5255	713.86	11.10	20.91		21.08	0.000801	3.32	214.81	44.04	0.25
1	5875	666.87	11.70	21.29		21.31	0.000151	1.59	945.44	621.42	0.10
1	5975	659.34	12.30	21.31		21.31	0.000061	1.01	1753.67	957.48	0.06
1	6000	Bridge									
1	6025	659.34	12.30	21.31	15.28	21.31	0.000061	1.01	1753.67	957.48	0.06
1	6075	659.37	12.40	21.31		21.32	0.000064	0.98	1784.76	1316.69	0.07
1	6275	659.48	12.80	21.32		21.33	0.000064	0.98	1795.97	1320.08	0.07
1	7005	662.12	13.50	21.40		21.42	0.000179	1.42	731.27	605.17	0.11
1	7110	662.15	16.00	21.40		21.78	0.002966	4.90	135.06	25.00	0.37
1	7120	664.02	16.00	21.44		21.81	0.002929	4.89	135.91	25.00	0.37
1	7205	Bridge									
1	7290	674.75	16.00	22.44	18.82	22.71	0.001849	4.19	161.00	25.00	0.29
1	7300	674.98	16.00	22.46		22.73	0.001833	4.18	161.50	25.00	0.29
1	7370	641.21	16.20	22.60		22.60	0.000075	0.95	1793.62	1208.76	0.07
1	8380	643.23	16.70	22.67		22.68	0.000108	1.04	1393.00	920.92	0.09
1	9360	678.83	17.40	23.05		23.12	0.000754	2.46	498.58	364.41	0.22
1	10020	702.95	17.80	23.49		23.67	0.001338	3.39	207.50	50.48	0.29
1	10070	700.93	17.30	23.43		23.75	0.002088	4.54	154.53	121.72	0.32
1	10102.5	Bridge									
1	10135	705.85	17.49	23.98	20.40	24.27	0.001740	4.32	163.26	217.76	0.30
1	10185	710.45	17.80	24.21		24.32	0.000658	2.68	320.87	312.99	0.21
1	10485	712.42	17.80	24.43		24.55	0.000788	2.80	269.02	205.78	0.23
1	10635	712.44	17.20	24.45		24.85	0.002755	5.06	140.92	19.99	0.34
1	10672.5	Bridge									
1	10710	714.47	18.00	24.83	21.41	25.25	0.003068	5.23	136.49	20.00	0.35
1	10760	676.52	18.10	25.23		25.31	0.000430	2.29	295.44	929.39	0.18
1	10955	676.66	18.30	25.33		25.37	0.000297	1.88	677.49	836.75	0.15
1	11865	677.42	18.50	25.69		25.78	0.000673	2.53	326.40	525.77	0.21
1	12365	649.26	18.60	25.97		26.07	0.000513	2.55	254.43	42.16	0.18
1	12415	649.26	18.70	25.98		26.12	0.001241	2.94	220.81	31.00	0.19
1	12440	Bridge									
1	12465	650.71	18.70	26.59	21.15	26.71	0.000957	2.71	239.68	1121.10	0.17
1	12515	650.90	18.60	26.65		26.74	0.000438	2.40	272.40	534.82	0.17
1	12925	651.19	19.10	26.83		26.93	0.000464	2.44	267.49	520.01	0.18
1	13895	657.74	19.70	27.28		27.37	0.000458	2.41	273.96	74.59	0.18
1	14495	662.50	19.70	27.56		27.67	0.000517	2.62	257.64	103.38	0.18
1	14595	663.24	19.80	27.58		27.74	0.000860	3.16	210.07	27.00	0.20
1	14630	Bridge									
1	14665	668.17	19.80	28.06	22.47	28.20	0.000736	3.00	223.08	27.00	0.18
1	14765	668.69	19.90	28.17		28.24	0.000320	2.14	516.57	565.10	0.15
1	14965	668.82	20.00	28.24		28.30	0.000313	2.12	546.90	613.14	0.15
1	16015	590.10	20.60	28.59		28.66	0.000351	2.16	370.95	467.64	0.15
1	16295	593.42	20.70	28.58		28.76	0.000401	2.32	256.40	54.18	0.15
1	16345	593.42	21.00	28.64		28.79	0.000821	3.17	187.18	34.61	0.20
1	16380	Bridge									
1	16415	598.71	21.00	28.90	23.76	29.05	0.000746	3.09	193.69	36.14	0.20
1	16465	528.32	21.30	28.99		29.12	0.000908	2.95	178.87	35.86	0.23
1	16865	528.62	21.70	29.32		29.42	0.000548	2.49	212.38	48.41	0.19

HEC-RAS Plan: XP SWMM 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	528.92	22.50	30.12		30.24	0.000719	2.78	190.01	78.41	0.21
1	18635	529.47	23.30	30.59		30.77	0.001554	3.46	153.18	36.57	0.30
1	18685	529.48	23.50	30.64		30.85	0.001395	3.62	146.36	20.50	0.24
1	18710	Bridge									
1	18735	529.86	23.50	30.84	26.25	31.03	0.001297	3.52	150.35	20.50	0.23
1	18785	491.69	23.80	30.96		31.11	0.001038	3.15	155.95	123.56	0.25
1	19305	491.82	24.30	31.49		31.64	0.000967	3.05	161.22	231.16	0.24
1	19905	462.69	24.60	32.03		32.13	0.000657	2.58	194.62	83.70	0.20
1	19955	461.10	24.70	32.03		32.17	0.000887	3.07	150.20	67.70	0.20
1	20007.5	Bridge									
1	20060	458.92	24.70	33.42	27.20	33.48	0.000338	2.13	478.91	718.52	0.13
1	20110	457.32	24.70	33.45		33.47	0.000130	1.37	865.79	1087.34	0.09
1	20495	439.84	24.80	33.49		33.51	0.000121	1.32	806.09	766.64	0.09
1	20805	422.90	25.00	33.53		33.58	0.000241	1.69	271.61	217.28	0.12
1	20855	419.41	25.60	33.50		33.64	0.000662	3.30	270.38	339.50	0.21
1	20876	Culvert									
1	20897	437.15	25.60	34.27		34.31	0.000248	2.15	629.52	591.01	0.13
1	20947	433.22	25.70	34.29		34.31	0.000128	1.32	667.77	651.63	0.09
1	21145	417.61	25.90	34.31		34.34	0.000148	1.39	558.12	606.52	0.10
1	21195	413.52	26.30	34.28		34.39	0.000679	2.63	157.52	21.00	0.17
1	21225	Bridge									
1	21255	413.52	26.30	34.55	29.07	34.65	0.000616	2.53	163.19	47.77	0.16
1	21305	409.32	26.40	34.63		34.67	0.000251	1.65	247.55	465.30	0.13
1	21485	394.16	26.50	34.67		34.73	0.000375	2.04	193.20	549.92	0.15
1	21555	388.26	26.70	34.69		34.76	0.000376	2.09	185.44	30.00	0.15
1	21605	388.27	26.70	34.68		34.79	0.000690	2.69	144.16	22.20	0.19
1	21615	Bridge									
1	21625	388.27	26.70	34.69	29.81	34.80	0.000685	2.69	144.48	22.20	0.19
1	21675	388.27	26.80	34.76		34.83	0.000370	2.08	186.74	30.00	0.15
1	21882	369.58	27.10	34.85		34.90	0.000281	1.79	206.12	463.46	0.14
1	22132	347.03	27.30	34.93		34.98	0.000268	1.72	201.40	412.52	0.13
1	22182	347.04	27.40	34.89		35.01	0.000923	2.81	123.56	16.50	0.18
1	22212	Bridge									
1	22242	347.96	27.40	35.08	29.80	35.20	0.000866	2.75	126.75	16.50	0.17
1	22352	349.67	27.50	35.21		35.26	0.000234	1.62	215.30	219.28	0.12
2	22872	169.07	27.70	35.21		35.23	0.000114	1.07	157.85	30.01	0.08
2	23372	171.69	28.20	35.28		35.30	0.000148	1.18	144.99	28.97	0.09
2	24472	163.36	29.10	35.48		35.51	0.000222	1.37	119.30	32.60	0.11
2	25492	180.05	29.20	35.78		35.83	0.000384	1.70	105.74	30.95	0.15
2	25532	179.66	29.30	35.78		35.85	0.000783	2.22	80.95	12.50	0.15
2	25572	Bridge									
2	25612	182.37	29.30	35.88	31.18	35.96	0.000753	2.22	82.30	12.50	0.15
2	25662	183.17	29.90	35.94		35.99	0.000426	1.88	97.37	34.86	0.15
2	26838	185.87	33.30	37.31		37.41	0.001983	2.54	73.07	30.73	0.29
2	27251	186.05	33.40	37.78		37.78	0.000105	0.70	578.98	564.84	0.07
2	27714.*	177.99	33.52	37.87		37.89	0.000334	1.18	291.96	391.62	0.12
2	28177.*	172.44	33.64	38.08		38.12	0.000638	1.60	144.88	217.58	0.17
2	28640.*	172.19	33.76	38.39		38.43	0.000689	1.66	103.66	37.67	0.18
2	29103.*	158.12	33.88	38.68		38.72	0.000504	1.49	106.39	35.84	0.15
2	29566	142.65	34.00	38.90		38.93	0.000380	1.33	107.59	34.46	0.13
2	29966	142.71	34.36	39.09		39.14	0.000651	1.66	86.18	29.47	0.17
2	29971	142.71	34.36	39.11		39.15	0.000640	1.65	86.67	29.53	0.17
2	29972	142.71	34.36	39.11		39.16	0.000638	1.64	86.77	29.55	0.17
3	241	180.60	28.60	35.21		35.26	0.000495	1.77	123.40	68.52	0.15
3	848	154.46	29.20	36.16		36.17	0.000194	1.15	332.68	465.85	0.10
3	1387	168.06	29.70	36.42		36.55	0.000824	2.91	57.68	154.93	0.21
3	1432	Culvert									
3	1477	179.52	29.80	36.65		36.79	0.000874	3.05	58.96	186.51	0.22
3	1662	178.03	30.00	36.86		36.90	0.000452	1.62	152.79	147.36	0.14
3	1905.*	166.97	30.20	37.00		37.05	0.000725	1.79	93.31	30.21	0.18
3	2148	154.50	30.40	37.20		37.25	0.000801	1.81	85.17	28.18	0.18
3	2316.*	145.77	30.57	37.35		37.40	0.000831	1.81	80.72	27.52	0.19
3	2484.*	136.46	30.73	37.49		37.54	0.000859	1.79	76.07	26.61	0.19
3	2652	127.22	30.90	37.65		37.70	0.000908	1.79	70.94	25.53	0.19
3	2878	127.64	31.10	37.81		37.83	0.000262	1.08	118.47	38.89	0.11