

Link59	4.9869	55756.4352	4.0997	62.6182	##	Node48	22.0000	24.4174
Link60	4.9378	71666.9967	5.3376	43.4928	##	Node51	20.0000	22.9391
Link63	46.2591	3083060.536	0.7976	13815.6000	##	Node50	22.0000	23.0309
Link36	26.1820	1814159.202	5.2819	260.6423	##	Node61	19.0000	22.9288
Link64	71.6741	4915608.066	1.6290	4840.0000	##	Node52	24.0000	30.8665
Link65	72.9739	4971821.860	0.7763	21390.6400	##	Node53	24.0000	30.8488
Link67	88.1922	5434031.141	2.2048	4496.0000	##	Node54	25.0000	30.8487
Link20A	3.6812	166294.4553	1.3594	1199.4000	##	Node55D	21.0000	22.9654
Link36A	26.6636	1823079.979	2.0510	864.5000	##	Node56	20.0000	23.0450
Link57A	2.2253	17133.6840	2.0318	45.5635	##	Node58	19.0000	22.9313
Link57B	4.6582	43454.4463	4.9277	67.4281	##	Node59	22.0000	24.4008
Link56	23.0997	649619.5741	6.3765	433.1492	##	Node60	22.0000	23.2412
Link32A	9.0443	50781.4582	1.2920	1760.9900	##	Node63	19.0000	22.6887
Link32	13.7839	1191882.794	1.9691	1712.6900	##	Node64	19.0000	22.6340
Link66B	9.1754	232201.4001	5.1458	341.1203	##	Node65	19.0000	22.5558
Link66A	14.2324	231558.9422	0.8261	17999.3000	##	Node67	18.0000	22.5085
Link66C	13.7580	304919.0111	0.1062	56383.7760	##	Node66	21.0000	23.6526
XS #1A	128.3612	5130994.929	2.9595	36376.3328	##	125	15.5000	22.4197
XS #2	112.8075	8593450.443	1.2575	38424.0719	##	Node36A	19.0000	22.7900
XS #3	115.2690	8592921.898	1.4212	17004.0144	##	Node57A	22.0000	23.1562
XS #4	142.2868	9578285.188	1.4246	12252.4240	##	Node57B	22.0000	23.0287
XS #5	139.6356	9567045.549	1.8496	83421.7770	##	Node32	22.0000	24.1525
XS #6	137.6588	9554460.389	1.4151	60851.9188	##	Node32A	22.0000	23.6222
XS #7	124.8350	9533775.881	2.0217	99704.8846	##	Node33	22.0000	23.5251
XS #8	124.0203	9523727.567	2.4261	60742.8158	##	Node66B	20.0000	23.6258
XS #9	-206.4591	-14936501.0	-2.7952	7006.0650	##	Node66A	20.0000	23.6519
XS #10	104.4432	14909243.59	5.6083	21754.4231	##	Node66C	18.0000	22.5096
STUB	355.5379	18145813.31	15.5185	115.1757	##	2	18.4100	25.3435
FRONTAGE	429.1443	18526649.47	21.2671	1436.6377	##	4	18.5300	26.5413
HWY 17 S	435.5326	18678984.59	15.3692	1778.0226	##	8	18.3000	26.2193
HWY 17 N	446.6689	18858863.06	15.7562	2012.0875	##	15	18.2000	26.1616
PARKINGLOT	-487.1158	-19518601.9	-17.1676	2015.5648	##	17	18.1000	23.6316
TO LAKE	-487.2044	-19517100.9	-17.2440	5098.1932	##	19	18.0000	23.1167
61	163.8458	1573029.315	3.3100	17242.9998	##	25	17.2000	21.7006
62	89.0748	1559734.683	2.1086	63898.6927	##	New Pond	10.0000	21.5271
XS #3a	142.7271	9579296.110	1.6405	5684.3595	##	32	15.4900	21.3362
XS MALLARD	117.5388	987218.8568	4.5712	6008.7286	##	34	14.3200	21.7758
80	-54.8550	-748253.821	-3.0475	2695.1268	##	36	14.3200	20.5294
8x4 Box	496.4036	21122251.00	15.5025	2176.7922	##	38	11.9200	20.0173
Clvt 10	-87.2053	-2857549.48	-3.6791	1509.4319	##	41	10.9400	19.3860
Palmt0 Lk	30.5495	2845435.951	0.9702	51477.0241	##	45	9.1200	18.6332
Clvt 7	30.1594	2830202.104	2.9868	424.1983	##	48	9.6000	17.7351
Chan A	30.1579	2828789.810	1.3707	5935.5016	##	52	22.6000	27.3692
Clvt 6	30.1620	2827614.319	3.6466	337.7004	##	55	22.1000	28.1720
Chan B	30.1688	2826884.827	1.8022	3517.8256	##	56	22.5000	29.0918
Clvt 5	30.1853	2826416.989	3.1868	398.8443	##	63	18.4000	26.2762
Chan C	-30.2292	-2825531.07	-1.4528	8381.6035	##	64	20.4100	26.2995
Chan D	118.8573	5018136.079	2.3938	8036.3362	##	68	20.9600	26.3139
Oak Clvt	59.4378	5018231.660	3.4303	1274.1819	##	76	19.0000	24.5708
Chan E	118.8998	5018270.890	2.0518	9240.3748	##	78	21.5000	24.5719
Clvt2 Out	128.3001	9560183.893	4.4384	2277.3117	##	Lk-Elzbth	7.6700	12.1922
Clvt1 Out	-548.4897	-20017179.6	-19.5642	1177.6501	##	Dgwood Lk	3.9500	8.5034
Lined Ch	548.4901	20017252.73	7.1532	5750.1503	##	44b	6.2300	8.4934
Link20B	2.4288	14059.0070	0.4031	539.9900	##	46b	5.4600	8.4397
Link20	3.4280	158921.8808	1.2877	30.0000	##	48b	5.1700	8.3349
Link33	20.9606	1242568.208	8.0945	515.9227	##	50b	5.1700	8.0158
Link33A	21.4885	1246419.693	8.8137	267.2231	##	52b	5.3500	7.8324
Link33C	34.2512	1419687.292	0.6727	21065.4000	##	54b	4.5200	7.3455

Link33D	45.4760	1418843.432	9.1894	330.6786	##	56b	4.3800	7.2112
Link33E	33.1166	1659477.955	6.7130	783.0467	##	Myrtle Lk	4.2000	6.4413
Link33B	23.1053	1258498.449	5.2497	388.7641	##	60b	2.5700	6.1970
Link34	5.8309	85027.3016	0.5404	23798.0357	##	Holly Lk	4.7500	6.7667
Link54B	-20.0755	-344725.738	-0.9560	12660.9000	##	63b	4.3300	6.6021
Link54A	-21.1395	-411952.669	-1.0066	105.0000	##	65b	4.2400	6.5188
Link55A	5.6481	449098.0303	0.5648	663.4000	##	69b	2.5100	6.0000
Link55B	5.4783	449091.3317	3.3804	83.9724	##	71b	3.4200	7.3466
Link55C	5.4783	449076.5784	1.7238	1599.6932	##	73b	5.3000	9.8825
Link43A	8.3460	-75782.3769	0.4763	830.0000	##	38b	3.2300	8.3525
Link42A	32.8711	1653500.649	1.6436	970.0000	##	Channel	3.2600	6.7951
Link42	-35.4711	-1645632.74	-1.7736	2794.0000	##	Node20C	25.0000	27.2690
Link43B	22.5523	1729881.856	0.9762	2422.5000	##	Node20A	26.0000	27.2829
Link43	-12.6641	63499.6624	-1.2596	1584.0000	##	Node33A	21.0000	23.5170
Link43C	20.0914	1730112.430	11.2293	96.3321	##	Node33B	19.6000	23.4631
Link43D	20.0699	1742333.272	11.2911	182.3538	##	Node33E	18.2500	23.2524
Link39A	9.2617	125461.8468	3.8617	141.2399	##	Node33D	18.5300	23.3763
Link39B	13.6690	211160.5905	6.6060	417.5883	##	Node34A	17.6900	22.9592
XS #1B	64.7740	4682993.429	2.8281	22203.9126	##	Node33C	19.1700	23.3870
ToLake	-89.7385	-3644665.85	-1.7061	28055.4143	##	Node54B	25.0000	30.7895
Link224	-62.3540	-997364.247	-12.4151	422.5663	##	Node55A	23.0000	25.8320
Link225	209.4706	1316655.416	29.4895	471.6675	##	Node55B	23.0000	25.8127
18"RCP	52.9165	254787.2719	35.5658	16.2518	##	Node55C	23.0000	23.2665
36"Stub	26.5491	126205.0475	13.6151	59.2804	##	Node42A	25.0000	28.6925
18"RCP2	9.7554	84346.9151	8.5768	27.1278	##	Node43A	24.0000	28.6558
18"RCP1	8.7395	68059.9022	8.0006	27.1278	##	Node43B	25.0000	28.6557
12"RCP1	12.8291	87845.2212	16.2173	12.0347	##	Node43C	24.0000	28.6110
12"RCP2	12.4448	92148.0592	15.7302	12.0347	##	Node43D	24.0000	27.0324
24"RCP 1	9.4838	81545.9272	6.7864	79.3018	##	Node39A	23.0000	25.3561
Link62	45.3113	3066065.430	9.1997	124.5319	##	Node39B	24.0000	25.2820
Link61	47.3270	3065815.196	0.5240	29439.1950	##	1B	20.9000	25.3765
Link2	3.2336	49372.7647	0.6853	392.9418	##	1A	20.9000	26.9978
Link3	3.4348	51882.5039	1.8952	130.8564	##	53A	20.9044	27.3671
Link66	4.6164	77241.4322	0.6395	3071.7500	##	53B	20.9206	27.2510
Link69	88.2448	5434322.506	5.9467	2186.1552	##	Node214	26.0000	31.5670
24" RCP 2	9.5089	81551.1852	3.8769	65.8672	##	Node215	22.0000	35.1093
48" RCP	28.4169	126220.3634	6.4550	900.7170	##	Ditch	20.0000	22.1474
8.1	-1.9845	-53809.8623	-5.5796	16.2692	##	Node217	17.0600	20.5420
8.2	-1.9845	-53809.8623	-5.5796	16.2692	##	Node219	17.5000	20.5345
29.1	7.4606	-50977.3050	10.7424	14.2230	##	Node220	15.0000	20.0891
29.2	7.4606	-50977.3050	10.7424	14.2230	##	CB 2	15.0000	20.0072
28.1	-1.7759	18435.2098	-4.9804	16.4504	##	CB 1	15.0000	20.0129
28.2	-1.9110	19910.2961	-5.3593	14.1904	##	Node223	18.0000	20.1668
28.3	-0.8671	8533.3586	-4.2895	8.4805	##	Node224	18.0000	20.1007
41.1	25.2957	1099929.385	13.9857	90.7700	##	Node225	16.0000	20.0187
41.2	12.6318	547233.3397	6.9840	90.7700	##	Node 13	24.0000	27.2896
Spanish1	106.0888	-4226804.66	21.7756	231.5676	##	Node45	23.0000	25.3217
IndianDr1	108.2445	9465577.526	15.1690	311.2269	##	Node62	19.0000	22.9289
2@42" RCP	62.7021	9549308.190	6.4985	1213.7479	##	1	21.1000	27.0239
2@24"	38.3975	860466.3242	12.1223	256.1715	##	123	15.3000	22.3502
Seaweed.1	-37.1927	-2888805.55	-7.5447	474.6545	##	6	18.4000	26.3516
68.1	60.1981	3728459.287	4.7793	690.2980	##	21	17.9000	23.0069
68.2	28.0338	1705384.102	3.9453	388.2926	##	23	17.5000	22.4305
Screen.1	208.4906	14916775.89	5.2459	40397.4649	##	27	15.6000	21.5347
WEIR#1	-76.2618	-242313.981	0.0000	0.0000	##			
WEIR#2	40.1505	111951.9450	0.0000	0.0000	##			
WEIR#3	0.0000	0.0000	0.0000	0.0000	##			
Dway Top	0.0000	0.0000	0.0000	0.0000	##			

WEIR#5	75.3075	131855.1175	0.0000	0.0000	##
WEIR#8	-24.3518	-346502.747	0.0000	0.0000	##
WEIR#9	-30.4194	-402943.096	0.0000	0.0000	##
WEIR#10	69.3393	721650.8045	0.0000	0.0000	##
WEIR#11	136.8806	3932627.743	0.0000	0.0000	##
WEIR#12	0.0000	0.0000	0.0000	0.0000	##
WEIR#13	290.1827	16468199.48	0.0000	0.0000	##
WEIR#14	548.4885	20016293.92	0.0000	0.0000	##
WEIR#15	0.0000	0.0000	0.0000	0.0000	##
WEIR#16	256.5993	9560203.287	0.0000	0.0000	##
WEIR#17	0.0000	0.0000	0.0000	0.0000	##
WeirA	31.6256	2189768.149	0.0000	0.0000	##
WeirB	33.8153	2496875.484	0.0000	0.0000	##
Weir1	71.8021	772363.6491	0.0000	0.0000	##
WEIR#6	15.7759	173552.9470	0.0000	0.0000	##
WEIR#7	-87.6002	1758790.515	0.0000	0.0000	##
FREE # 1	256.6002	9560233.335	0.0000	0.0000	##
FREE # 2	548.4901	20017368.09	0.0000	0.0000	##

Table E16. New Conduit Information Section #
Conduit Invert (IE) Elevation and Conduit #
Maximum Water Surface (WS) Elevations #
#####

Conduit Name	Upstream Node	Downstream Node	IE Up	IE Dn	WS Up	WS Dn	Conduit Type
Link1	Node1	Node2	32.0000	31.0000	32.2099	31.0964	Trapezoid
Link4	Node4	Node7	27.0000	27.0000	28.5235	28.5232	Trapezoid
Link5	Node5	Node6	31.0000	29.0000	31.3043	29.2271	Circular
Link6	Node6	Node7	29.0000	27.0000	29.2271	28.5232	Trapezoid
Link7	Node7	Node8	28.0000	25.0000	28.5232	27.6178	Circular
Link9	Node9	Node10	24.0000	24.0000	27.2929	27.2929	Trapezoid
Link10	Node10	Node12	24.0000	24.0000	27.2929	27.2926	Trapezoid
Link12	Node12	Node 13	24.0000	24.0000	27.2926	27.2896	Trapezoid
Link13	Node14	Node 13	25.0000	24.0000	27.2890	27.2896	Circular
Link14	Node14	Node15	25.0000	25.0000	27.2890	27.2877	Trapezoid
Link15	Node15	Node19	25.0000	25.0000	27.2877	27.2862	Circular
Link19	Node19	Node20	26.0000	26.0000	27.2862	27.2862	Circular
Link16	Node16	Node17	26.0000	26.0000	27.2863	27.2863	Trapezoid
Link17	Node17	Node18	26.0000	26.0000	27.2863	27.2862	Circular
Link18	Node18	Node19	26.0000	26.0000	27.2862	27.2862	Trapezoid
Link11	Node11	Node12	25.5000	24.0000	27.2926	27.2926	Circular
Link20C	Node20C	Node30	25.0000	24.0000	27.2690	27.2659	Trapezoid
Link22	Node22	Node23	31.0000	29.0000	31.2960	29.5407	Trapezoid
Link23	Node23	Node24	29.0000	28.0000	29.5407	28.6658	Trapezoid
Link24	Node24	Node25	28.0000	25.0000	28.6658	28.0724	Trapezoid
Link25	Node25	Node27	25.0000	25.0000	28.0724	28.0536	Trapezoid
Link26	Node26	Node27	30.0000	25.0000	30.2637	28.0536	Trapezoid
Link27	Node27	Node30	25.0000	24.0000	28.0536	27.2659	Circular
Link30	Node30	Node31	24.0000	23.0000	27.2659	26.8709	Circular
Link31	Node31	Node32	23.0000	22.0000	26.8709	24.1525	Circular
Link34A	Node35	Node34A	19.0000	17.6900	22.9162	22.9592	Trapezoid
Link35	Node35	Node36	19.0000	19.0000	22.9162	22.9139	Trapezoid
Link37	Node37	Node39	24.0000	21.0000	25.4720	25.4429	Trapezoid
Link38	Node38	Node39	23.0000	21.0000	25.4447	25.4429	Trapezoid
Link39	Node39A	Node39	24.0000	21.0000	25.3561	25.4429	Circular
Link40	Node40	Node41	25.0000	23.0000	30.7890	30.6136	Circular
Link44	Node44	Node46	22.0000	21.0000	24.3391	23.7856	Trapezoid
Link45	Node45	Node46	23.0000	21.0000	25.3217	23.7856	Trapezoid
Link46	Node46	Node49	21.0000	21.0000	23.7856	22.8716	Circular
Link47	Node47	Node48	22.0000	22.0000	24.4224	24.4174	Trapezoid
Link48	Node48	Node49	22.0000	21.0000	24.4174	22.8716	Circular
Link49	Node49	Node51	21.0000	20.0000	22.8716	22.9391	Circular
Link50	Node50	Node51	22.0000	20.0000	23.0309	22.9391	Circular
Link51	Node51	Node61	20.0000	19.0000	22.9391	22.9288	Trapezoid
Link52	Node52	Node53	24.0000	24.0000	30.8665	30.8488	Circular
Link53	Node53	Node54	26.0000	26.0000	30.8488	30.8487	Trapezoid
Link54	Node54	Node55A	25.0000	23.0000	30.8487	25.8320	Circular
Link55D	Node55D	Node56	21.0000	20.0000	22.9654	23.0450	Circular
Link58	Node58	Node61	19.0000	19.0000	22.9313	22.9288	Trapezoid
Link59	Node59	Node60	22.0000	22.0000	24.4008	23.2412	Circular
Link60	Node60	Node61	22.0000	19.0000	23.2412	22.9288	Circular
Link63	Node63	Node64	19.0000	19.0000	22.6887	22.6340	Trapezoid
Link36	Node36	Node36A	19.0000	19.0000	22.9139	22.7900	Circular
Link64	Node64	Node65	19.0000	19.0000	22.6340	22.5558	Trapezoid
Link65	Node65	Node67	19.0000	19.0000	22.5558	22.5085	Trapezoid
Link67	Node67	125	18.0000	18.0000	22.5085	22.4197	Trapezoid
Link20A	Node20A	Node20C	26.0000	25.0000	27.2829	27.2690	Trapezoid
Link36A	Node36A	Node64	19.0000	19.0000	22.7900	22.6340	Trapezoid
Link57A	Node57A	Node57B	22.0000	22.0000	23.1562	23.0287	Circular
Link57B	Node57B	Node58	22.0000	19.0000	23.0287	22.9313	Circular
Link56	Node56	Node58	20.0000	19.0000	23.0450	22.9313	Circular
Link32A	Node32A	Node33	22.0000	22.0000	23.6222	23.5251	Trapezoid
Link32	Node32	Node33	22.0000	22.0000	24.1525	23.5251	Trapezoid
Link66B	Node66B	Node66C	20.0000	18.0000	23.6258	22.5096	Circular
Link66A	Node66A	Node66B	20.0000	20.0000	23.6519	23.6258	Trapezoid
Link66C	Node66C	Node67	18.0000	18.0000	22.5096	22.5085	Trapezoid
XS #1A	1	1A	21.1000	20.9000	27.0239	26.9978	Natural
XS #2	4	6	18.5300	18.4000	26.5413	26.3516	Natural
XS #3	6	63	18.4000	18.4000	26.3516	26.2762	Natural
XS #4	8	15	18.3000	18.2000	26.2193	26.1616	Natural
XS #5	17	19	18.1000	18.0000	23.6316	23.1167	Natural
XS #6	19	21	18.0000	17.9000	23.1167	23.0069	Natural
XS #7	23	25	17.5000	17.2000	22.4305	21.7006	Natural
XS #8	25	27	17.2000	15.6000	21.7006	21.5347	Natural

XS #9	New Pond	27	16.2000	15.6000	21.5271	21.5347	Natural
XS #10	32	34	15.5000	15.0000	21.3362	21.7758	Circular
STUB	34	36	15.3000	14.5000	21.7758	20.5294	Circular
FRONTAGE	36	38	14.3200	12.1000	20.5294	20.0173	Circular
HWY 17 S	38	41	11.9200	11.0000	20.0171	19.3860	Circular
HWY 17 N	41	45	10.9400	9.8900	19.3858	18.6329	Circular
PARKINGLOT	48	45	9.9000	9.1200	17.7351	18.6332	Circular
TO LAKE	Lk-Elzbtb	48	9.8700	9.6100	15.4889	17.7351	Circular
61	56	55	22.5000	22.1000	29.0918	28.1720	Natural
62	55	1	22.1000	21.1000	28.1720	27.0239	Natural
XS #3a	63	8	18.4000	18.3000	26.2762	26.2193	Natural
XS MALLARD	64	63	20.4100	18.4000	26.2995	26.2762	Natural
80	78	68	21.5000	20.9600	24.5719	26.3139	Natural
8x4 Box	73b	Dgwood Lk	5.3000	5.0300	9.8825	9.0300	Rectangle
Clvt 10	44b	Dgwood Lk	6.2300	5.4200	8.4934	8.5034	Rectangle
Palmt0 Lk	44b	46b	6.2300	5.4600	8.4934	8.4397	Natural
Clvt 7	46b	48b	5.4600	5.1700	8.4397	8.3349	Circular
Chan A	48b	50b	5.5100	5.1700	8.3349	8.0158	Natural
Clvt 6	50b	52b	5.5100	5.3500	8.0158	7.8324	Circular
Chan B	52b	54b	5.3500	4.5200	7.8324	7.3455	Natural
Clvt 5	54b	56b	4.5200	4.3800	7.3455	7.2112	Circular
Chan C	Myrtle Lk	56b	4.5000	4.3800	6.4413	7.2112	Natural
Chan D	Holly Lk	63b	4.7500	4.3300	6.7667	6.6021	Trapezoid
Oak Clvt	63b	65b	4.3300	4.2400	6.6021	6.5188	Rectangle
Chan E	65b	Myrtle Lk	4.2400	4.2000	6.5188	6.4413	Trapezoid
Clvt2 Out	60b	69b	2.5700	2.5100	6.1970	6.0000	Rectangle
Clvt1 Out	71b	38b	3.4600	3.2300	7.4600	8.3525	Rectangle
Lined Ch	71b	Channel	3.4200	3.2600	7.3466	6.7951	Natural
Link20B	Node20B	Node20C	25.0000	25.0000	27.2691	27.2690	Trapezoid
Link20	Node20	Node20A	26.0000	26.0000	27.2832	27.2829	Trapezoid
Link33	Node33	Node33A	22.0000	21.0000	23.5251	23.5170	Circular
Link33A	Node33A	Node33B	21.0000	19.6000	23.5170	23.4631	Circular
Link33C	Node33C	Node33D	19.1700	18.5300	23.3870	23.3763	Trapezoid
Link33D	Node33D	Node33E	18.5300	18.2500	23.3763	23.2524	Circular
Link33E	Node33E	Node34A	18.2500	17.6900	23.2524	22.9592	Circular
Link33B	Node33B	Node33C	19.6000	19.1700	23.4631	23.3870	Circular
Link34	Node34	Node34A	21.0000	17.6900	22.9594	22.9592	Trapezoid
Link54B	Node54B	Node54	25.0000	25.0000	30.7895	30.8487	Trapezoid
Link54A	Node40	Node54B	25.0000	25.0000	30.7890	30.7895	Trapezoid
Link55A	Node55A	Node55B	23.0000	23.0000	25.8320	25.8127	Trapezoid
Link55B	Node55B	Node55C	23.0000	23.0000	25.8127	23.2665	Circular
Link55C	Node55C	Node55D	23.0000	21.0000	23.2665	22.9654	Trapezoid
Link43A	Node43B	Node43A	25.0000	24.0000	28.6557	28.6558	Trapezoid
Link42A	Node42A	Node43B	25.0000	25.0000	28.6925	28.6557	Trapezoid
Link42	Node42A	Node42	25.0000	24.0000	28.6925	28.8256	Trapezoid
Link43B	Node43B	Node43C	25.0000	24.5000	28.6557	28.6110	Trapezoid
Link43	Node43	Node43A	24.0000	24.0000	28.6558	28.6558	Trapezoid
Link43C	Node43C	Node43D	24.0000	24.0000	28.6110	27.0324	Circular
Link43D	Node43D	Node46	24.0000	22.0000	27.0324	23.7856	Circular
Link39A	Node39A	Node39B	24.0000	24.0000	25.3561	25.2820	Circular
Link39B	Node39B	Node45	24.0000	23.0000	25.2820	25.3217	Circular
XS #1B	1B	2	20.9000	20.7000	25.3765	25.3435	Natural
ToLake	1	53B	21.1000	20.9206	27.0239	27.2510	Natural
Link224	53A	Node215	24.0004	22.0000	27.3671	35.1093	Circular
Link225	Node214	53A	26.0000	24.0004	31.5670	27.3671	Circular
18"RCP	Ditch	36	20.0000	14.3200	22.1474	20.5294	Circular
36"Stub	Node219	Node217	17.5000	17.0600	20.5345	20.5420	Circular
18"RCP2	CB 2	38	15.0000	13.0000	20.0072	20.0171	Circular
18"RCP1	CB 1	38	15.0000	13.0000	20.0129	20.0171	Circular
12"RCP1	Node223	41	18.0000	15.0000	20.1668	19.3858	Circular
12"RCP2	Node224	41	18.0000	15.0000	20.1007	19.3858	Circular
24"RCP 1	Node225	Node220	16.0000	15.0000	20.0187	20.0891	Circular
Link62	Node62	Node63	19.0000	19.0000	22.9289	22.6887	Circular
Link61	Node61	Node62	19.0000	19.0000	22.9288	22.9289	Trapezoid
Link2	Node2	Node3	31.0000	27.0000	31.0964	28.5886	Trapezoid
Link3	Node3	Node4	27.0000	27.0000	28.5886	28.5235	Circular
Link66	Node66	Node66A	21.0000	20.0000	23.6526	23.6519	Trapezoid
Link69	123	27	18.0000	18.0000	22.3502	21.5347	Circular
24" RCP 2	Node220	CB 2	15.0000	15.0000	20.0891	20.0072	Circular
48" RCP	Node217	36	17.0600	14.3200	20.5420	20.5294	Circular
8.1	Node20	Node8	26.0000	25.0000	27.2832	27.6178	Circular
8.2	Node20	Node8	26.0000	25.0000	27.2832	27.6178	Circular
29.1	Node30	Node29	24.0000	23.0000	27.2659	27.2703	Circular
29.2	Node30	Node29	24.0000	23.0000	27.2659	27.2703	Circular
28.1	Node28	Node29	23.0000	23.0000	27.2816	27.2703	Circular
28.2	Node28	Node29	23.0000	23.0000	27.2816	27.2703	Circular
28.3	Node28	Node29	23.0000	23.0000	27.2816	27.2703	Circular

41.1	Node41	Node42	23.0000	22.0000	30.6136	28.8256	Circular
41.2	Node41	Node42	23.0000	22.0000	30.6136	28.8256	Circular
Spanish1	4	2	18.5300	18.4100	26.5413	25.3435	Circular
IndianDr1	15	17	18.2000	18.1000	26.1616	23.6316	Circular
2@42" RCP	21	23	17.9000	17.5000	23.0069	22.4305	Circular
2@24"	68	64	20.9600	20.4100	26.3139	26.2995	Circular
Seaweed.1	53B	53A	20.9206	20.9044	27.2510	27.3671	Circular
68.1	125	123	16.8200	16.7800	22.4197	22.3502	Circular
68.2	125	123	16.8200	16.7800	22.4197	22.3502	Circular
Screen.1	New Pond	32	15.5000	15.4900	21.5271	21.3362	Circ Orif

```

*=====
| Table E20 - Junction Flooding and Volume Listing. |
| The maximum volume is the total volume |
| in the node including the volume in the |
| flooded storage area. This is the max |
| volume at any time. The volume in the |
| flooded storage area is the total volume |
| above the ground elevation, where the |
| flooded pond storage area starts. |
| The fourth column is instantaneous, the fifth is the |
| sum of the flooded volume over the entire simulation |
| Units are either ft^3 or m^3 depending on the units. |
*=====

```

Junction Name	Surcharged Time (min)	Flooded Time (min)	Out of 1D-System (Flooded Volume)	Maximum Volume	Passed to 2D cell OR Volume Stored in allowed Flood Pond of 1D-System
Node1	0.0000	0.0000	0.0000	2380.3708	0.0000
Node2	0.0000	0.0000	0.0000	562.4489	0.0000
Node3	76.7417	0.0000	0.0000	19.9623	0.0000
Node4	0.0000	0.0000	0.0000	19.1439	0.0000
Node7	0.0000	0.0000	0.0000	19.1401	0.0000
Node5	0.0000	0.0000	0.0000	3.8239	0.0000
Node6	0.0000	0.0000	0.0000	2.8540	0.0000
Node8	977.0583	0.0000	0.0000	29947.4164	0.0000
Node20	0.0000	0.0000	0.0000	8327.4424	0.0000
Node9	2430.3917	0.0000	0.0000	36581.6049	0.0000
Node10	2430.4083	2430.4250	0.0000	13241.0043	18672.8874
Node12	2430.7667	0.0000	0.0000	26127.2046	0.0000
Node14	1020.2833	554.2250	0.0038	1700.3672	2045.7883
Node15	1021.0417	556.7333	0.0000	1691.8578	1998.2115
Node19	0.0000	0.0000	0.0000	28.7289	0.0000
Node16	560.2417	560.2833	0.0000	1669.7892	2096.8868
Node17	0.0000	0.0000	0.0000	16.1631	0.0000
Node18	0.0000	0.0000	0.0000	16.1630	0.0000
Node11	552.4333	0.0000	0.0000	22.5263	0.0000
Node20B	1041.3417	534.7833	0.0088	1568.8535	1788.7910
Node30	1032.9333	0.0000	0.0000	8807.8217	0.0000
Node22	0.0000	0.0000	0.0000	3224.0493	0.0000
Node23	0.0000	0.0000	0.0000	6617.7033	0.0000
Node24	0.0000	0.0000	0.0000	2050.3120	0.0000
Node25	1128.6750	0.0000	0.0000	35784.4571	0.0000
Node27	728.7083	0.0000	0.0000	132256.7888	0.0000
Node26	0.0000	0.0000	0.0000	4371.1628	0.0000
Node29	2503.2833	0.0000	0.0000	92266.3328	0.0000
Node28	2503.7333	0.0000	0.0000	44596.6448	0.0000
Node31	1276.2833	0.0000	0.0000	40541.2816	0.0000
Node35	995.9917	996.0333	0.0000	29001.2054	44570.0698
Node34	0.0000	0.0000	0.0000	24.6214	0.0000
Node36	808.6917	505.7583	0.0000	7508.0455	11630.7481
Node37	158.6667	0.0000	0.0000	18.4970	0.0000
Node39	2540.0333	2517.3667	0.0000	16201.6892	33496.2773
Node38	155.9917	156.0167	0.0000	2825.1162	5645.1477
Node40	1359.5500	0.0000	0.0000	22163.3177	0.0000
Node41	2483.4417	0.0000	0.0000	231231.4446	0.0000
Node42	2469.2750	0.0000	0.0000	56976.1980	0.0000
Node46	143.9333	0.0000	0.0000	35.0037	0.0000
Node43	2476.1583	0.0000	0.0000	42497.0525	0.0000
Node44	728.3417	84.9250	0.0000	2043.6999	2671.6683
Node49	0.0000	0.0000	0.0000	23.5185	0.0000
Node47	989.3333	0.0000	0.0000	55414.4821	0.0000
Node48	988.0083	509.0583	0.0000	2615.1176	3232.1956
Node51	0.0000	0.0000	0.0000	36.9325	0.0000
Node50	0.0000	0.0000	0.0000	12632.3547	0.0000
Node61	0.0000	0.0000	0.0000	49.3699	0.0000
Node52	2521.1917	0.0000	0.0000	8706.5346	0.0000
Node53	1247.2750	0.0000	0.0000	39308.4608	0.0000
Node54	1247.2500	0.0000	0.0000	35355.1926	0.0000
Node55D	0.0000	0.0000	0.0000	19980.7176	0.0000
Node56	260.5833	0.0000	0.0000	11662.0174	0.0000
Node58	0.0000	0.0000	0.0000	49.4004	0.0000
Node59	137.0583	0.0000	0.0000	11713.2735	0.0000
Node60	0.0000	0.0000	0.0000	9997.3924	0.0000
Node63	688.1750	0.0000	0.0000	46.3517	0.0000
Node64	924.6500	924.6667	0.0000	20645.6278	41000.7873

Node65	907.5833	0.0000	0.0000	44.6826	0.0000
Node67	289.2417	0.0000	0.0000	56.6537	0.0000
Node66	95.2833	0.0000	0.0000	24845.5638	0.0000
125	257.0250	0.0000	0.0000	86.9524	0.0000
Node36A	788.0333	431.1083	0.0000	6054.7525	7524.6481
Node57A	0.0000	0.0000	0.0000	4206.4946	0.0000
Node57B	0.0000	0.0000	0.0000	7393.6086	0.0000
Node32	1360.1500	263.7500	0.0000	849.0620	1142.6347
Node32A	795.3250	0.0000	0.0000	20.3851	0.0000
Node33	0.0000	0.0000	0.0000	19.1640	0.0000
Node66B	282.2250	210.7250	0.0000	4386.5626	9870.2411
Node66A	284.2417	213.7333	0.0000	4633.2482	10595.7072
Node66C	289.5250	0.0000	0.0000	56.6680	0.0000
2	0.0000	0.0000	0.0000	3375230.719	0.0000
4	800.0000	101.3000	0.0000	2564.3708	8691.6451
8	576.7500	67.6833	0.0000	1199.4763	2707.9123
15	614.7583	89.3750	0.0000	1592.0873	3584.0369
17	0.0000	0.0000	0.0000	69.5104	0.0000
19	0.0000	0.0000	0.0000	64.2969	0.0000
25	0.0000	0.0000	0.0000	56.5548	0.0000
New Pond	0.0000	0.0000	0.0000	149345.5708	0.0000
32	45.8167	0.0000	0.0000	73.4630	0.0000
34	8.9417	0.0000	0.0000	93.6897	0.0000
36	0.5083	0.0000	0.0000	78.0277	0.0000
38	47.6333	0.0000	0.0000	101.7477	0.0000
41	70.9917	0.0000	0.0000	106.1316	0.0000
45	139.3417	0.0000	0.0000	119.5424	0.0000
48	104.9833	0.0000	0.0000	102.2259	0.0000
52	3030.8333	0.0000	0.0000	2247695.648	0.0000
55	1288.2083	1288.2667	0.0000	60504.9726	190140.7980
56	1084.2333	1084.2667	0.0000	105125.2449	151871.9514
63	816.3750	158.1667	0.0000	7966.2950	17123.8984
64	222.8667	128.8667	0.0000	4449.3663	7416.9124
68	805.5583	0.0000	0.0000	293416.8966	0.0000
76	2603.4083	0.0000	0.0000	574985.0391	0.0000
78	585.5750	585.6000	0.0000	3889.5388	10194.6151
Lk-Elzbth	0.0000	0.0000	0.0000	1718212.915	0.0000
Dgwood Lk	0.0000	0.0000	0.0000	2810395.979	0.0000
44b	0.0000	0.0000	0.0000	28.4425	0.0000
46b	0.0000	0.0000	0.0000	37.4425	0.0000
48b	0.0000	0.0000	0.0000	39.7697	0.0000
50b	0.0000	0.0000	0.0000	35.7599	0.0000
52b	0.0000	0.0000	0.0000	31.1942	0.0000
54b	0.0000	0.0000	0.0000	35.5050	0.0000
56b	0.0000	0.0000	0.0000	35.5762	0.0000
Myrtle Lk	0.0000	0.0000	0.0000	127967.0728	0.0000
60b	0.0000	0.0000	0.0000	45.5774	0.0000
Holly Lk	0.0000	0.0000	0.0000	122738.8751	0.0000
63b	0.0000	0.0000	0.0000	28.5515	0.0000
65b	0.0000	0.0000	0.0000	28.6354	0.0000
69b	0.0000	0.0000	0.0000	43.8553	0.0000
71b	0.0000	0.0000	0.0000	49.3412	0.0000
73b	172.9250	0.0000	0.0000	57.5840	0.0000
38b	298.0333	0.0000	0.0000	64.3697	0.0000
Channel	0.0000	0.0000	0.0000	44.4217	0.0000
Node20C	1041.3500	1041.3750	0.0000	12799.8650	17465.7742
Node20A	564.6917	0.0000	0.0000	16.1204	0.0000
Node33A	73.8083	0.0000	0.0000	31.6289	0.0000
Node33B	776.8000	333.2417	0.0000	2987.5358	4303.0930
Node33E	1332.0583	651.8917	0.0000	3570.9614	37668.3016
Node33D	864.4167	412.6500	0.0000	4690.6874	21006.9087
Node34A	1620.9333	1006.7250	0.0000	30508.8403	94755.0639
Node33C	766.3500	283.5917	0.0000	2410.9478	5627.7607
Node54B	1460.3500	962.2917	0.0000	76400.2357	98765.5924
Node55A	1357.2000	1083.0417	0.0000	6514.3336	8122.5964
Node55B	1353.9667	1075.3750	0.0000	6294.6827	7879.1422
Node55C	0.0000	0.0000	0.0000	3.3487	0.0000
Node42A	1395.3583	1267.5000	0.0000	39806.8946	52895.2127
Node43A	2476.1167	1534.2583	0.0000	112372.4087	130689.2366
Node43B	1391.3000	1391.3167	0.0000	66188.5948	85411.3160
Node43C	1513.9333	1386.2000	0.0000	63090.4544	78653.6207
Node43D	1268.4083	1076.5833	0.0000	9063.7809	10636.0516
Node39A	0.0000	0.0000	0.0000	29.6070	0.0000
Node39B	0.0000	0.0000	0.0000	16.1101	0.0000
1B	0.0000	0.0000	0.0000	56.2517	0.0000
1A	1094.8417	0.0000	0.0000	502068.0553	0.0000
53A	536.7917	0.0000	0.0000	924067.9913	0.0000

53B	2503.0000	1918.9167	0.0000	46458.5878	89994.9323
Node214	39.3250	0.0000	0.0000	55041.2437	0.0000
Node215	2549.8583	0.0000	0.0000	82175.3538	0.0000
Ditch	9.6833	8.5333	0.0000	819.4907	858.4471
Node217	0.0000	0.0000	0.0000	43.7546	0.0000
Node219	0.4083	0.0000	0.0000	38.1340	0.0000
Node220	83.8500	0.0000	0.0000	63.9537	0.0000
CB 2	83.1833	2.4917	0.0000	98.8231	58.4294
CB 1	129.2833	2.4750	0.0000	127.5110	79.9243
Node223	38.8500	23.9500	0.0000	932.7900	1001.3612
Node224	39.3583	19.0417	0.0000	555.0360	587.8128
Node225	50.8250	3.6000	0.0000	144.6652	99.8321
Node 13	2483.8833	556.1083	0.0000	1716.8792	1972.5640
Node45	0.0000	0.0000	0.0000	29.1747	0.0000
Node62	0.0000	0.0000	0.0000	49.3708	0.0000
1	1006.9333	1006.9833	0.0000	8843.4822	72934.1956
123	0.0000	0.0000	0.0000	88.5929	0.0000
6	818.0667	95.4333	0.0000	2202.0914	8279.1031
21	0.0000	0.0000	0.0000	10240.6823	0.0000
23	0.0000	0.0000	0.0000	61.9561	0.0000
27	0.0000	0.0000	0.0000	68427.4322	0.0000

Table E22. Numerical Model judgement section #
#####

Overall error was (minimum of Table E18 & E21) 0.2555 percent
Worst nodal error was in node Node33E with -6.5681 percent
Of the total inflow this loss was 0.5868 percent
Your overall continuity error was Excellent
Efficiency of the simulation Excellent Efficiency
1.48
Most Number of Non Convergences at one Node 0.
Total Number Non Convergences at all Nodes 0.
Total Number of Nodes with Non Convergences 0.

====> Hydraulic model simulation ended normally.

====> XP-SWMM Simulation ended normally.

====> Your input file was named : Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Final\100 Year - New Pond and 60-inRCP.DAT

====> Your output file was named : Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Final\100 Year - New Pond and 60-inRCP.out

```

*=====
|           SWMM Simulation Date and Time Summary           |
*=====
| Starting Date... July      23, 2008  Time...  15:23:52:27 |
| Ending Date...  July      23, 2008  Time...  15:44:56:66 |
| Elapsed Time...  21.07317 minutes or 1264.39000 seconds |
*=====

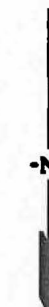
```



TRANSPORTATION CONSULTANTS
ATLANTA, GA • BLOOMINGTON, IL • CHARLESTON, SC
COLUMBIA, SC • MOBILE, AL • MYRTLE BEACH, SC
PHILADELPHIA, PA • RALEIGH, NC • TALLAHASSEE, FL
TAMPA, FL • WILMINGTON, DE

LEGEND

- FLOODING DURING 10, 25, AND 100 YEAR STORM EVENTS
- FLOODING DURING 25 AND 100 YEAR STORM EVENTS
- FLOODING DURING 100 YEAR STORM EVENT ONLY



Title:
PROPOSED MODEL

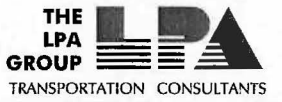
Scale:
SCALE: 1"=400'

Project Name:
REVISION OF CAROPINES AND DEERFIELD STORM DRAINAGE OUTFALL STUDY

Drawing Name:
FIGURE 4-1

Drawing Description:
FLOODED AREAS TO SOUTH WEST OF GLENS BAY RD.

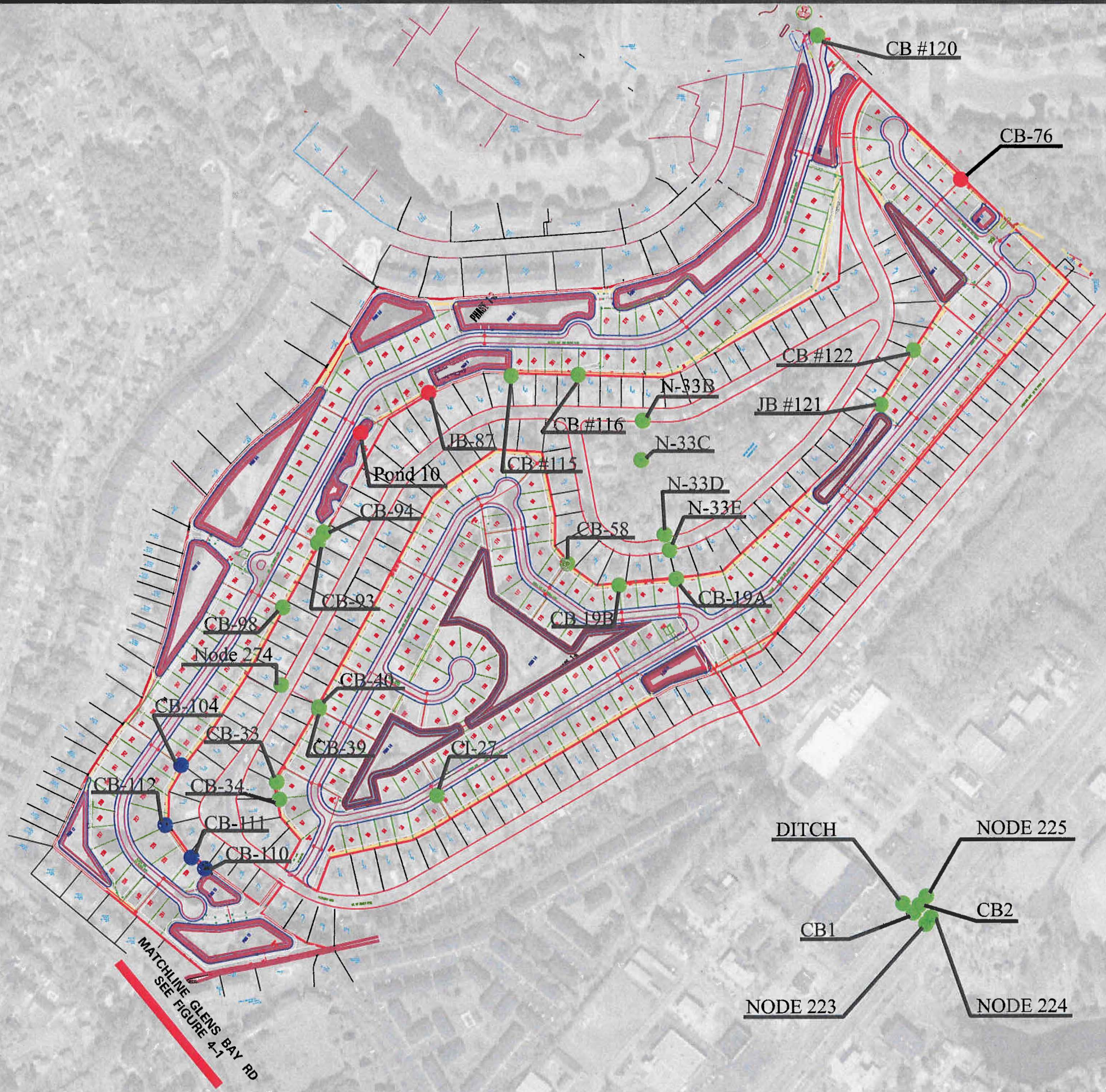




ATLANTA, GA • BLOOMINGTON, IL • CHARLESTON, SC
COLUMBIA, SC • MOBILE, AL • MYRTLE BEACH, SC
PHILADELPHIA, PA • RALEIGH, NC • TALLAHASSEE, FL
TAMPA, FL • WILMINGTON, DE

LEGEND

- FLOODING DURING 10, 25, AND 100 YEAR STORM EVENTS
- FLOODING DURING 25 AND 100 YEAR STORM EVENTS
- FLOODING DURING 100 YEAR STORM EVENT ONLY



MATCHLINE
GLENS BAY RD
SEE FIGURE 4-1

Title:	PROPOSED MODEL
Scale:	SCALE: 1"=400'
Project Name:	REVISION OF CAROPINES AND DEERFIELD STORM DRAINAGE OUTFALL STUDY
Drawing Name:	FIGURE 4-2
Drawing Description:	FLOODED AREAS TO NORTH EAST OF GLENS BAY RD.

Caropines Deerfield (Existing Condition Model – July 2008) – With New Proposed Development – “Old South Course Phases 1A and 1B” - Emulating Proposed Storm Drainage System w/ Ponds.

10-Year Return Period Storm (10 Yr – 24 Hour Precipitation = 6.7 inches)

Current Directory: C:\XPS-VE~1.6
Engine Name: C:\XPS-VE~1.6\SWMMEN~1.EXE
Input File : ology\Caropines-Deerfield\XP-SWMM\Final\LPA WS Data_Total-10Yr.XP

```
*-----*
|               xpswmm               |
| Storm and Wastewater Management Model |
|   Interface Version: 10.61           |
|   Engine Version: 10.6.1.0          |
|-----|
|               Developed by           |
|               XP Software            |
|-----|
| XP Software      April, 2008         |
| Data File Version ---> 12.0         |
| Serial Number: 42-1060-2154         |
|               The LPA Group         |
|-----|
*-----*
```

Engine Name: C:\XPS-VE~1.6\SWMMEN~1.EXE

```
*-----*
| Input and Output file names by Layer |
*-----*
```

Input File to Layer #	1 JIN.US
Output File to Layer #	1 Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Final\10 Year.xp
Input File to Layer #	2 Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Final\10 Year.xp
Output File to Layer #	2 JOT.US

=====

| Table E1 - Conduit Data |

=====

Inp Num	Conduit Name	Length (ft)	Conduit Class	Area (ft^2)	Manning Coef.	Max Width (ft)	Depth (ft)	Trapezoid Side Slopes	
								-----	-----
1	XS #1A	275.0000	Natural	100.6721	0.0350	50.0000	4.9100		
2	XS #2	431.0000	Natural	89.7060	0.0300	46.3900	4.9500		
3	XS #3	191.0000	Natural	81.1062	0.0300	45.0300	4.9300		
4	XS #4	130.0000	Natural	99.8750	0.0300	57.7600	5.6200		
5	XS #5	1089.0000	Natural	130.1118	0.0300	44.4000	7.2000		
6	XS #6	586.0000	Natural	161.1250	0.0300	60.6000	6.3400		
7	XS #7a	580.0000	Natural	181.5410	0.0300	41.0700	9.1100		
8	XS #8	761.0000	Natural	172.3457	0.0300	51.3000	8.7700		
9	XS #9	75.0000	Natural	124.1935	0.0300	37.8100	6.9000		
10	XS #10	550.0000	Circular	19.6350	0.0130	5.0000	5.0000		
11	STUB	4.0000	Circular	28.2743	0.0130	6.0000	6.0000		
12	FRONTAGE	50.0000	Circular	28.2743	0.0130	6.0000	6.0000		
13	HWY 17 S	60.0000	Circular	28.2743	0.0130	6.0000	6.0000		
14	HWY 17 N	68.0000	Circular	28.2743	0.0130	6.0000	6.0000		
15	PARKINGLOT	68.0000	Circular	28.2743	0.0130	6.0000	6.0000		
16	TO LAKE	172.0000	Circular	28.2743	0.0130	6.0000	6.0000		
17	61	350.0000	Natural	49.5000	0.0300	50.0000	3.5000		
18	62	1300.0000	Natural	49.2000	0.0350	50.0000	3.3000		
19	XS #3a	66.0000	Natural	87.0000	0.0300	67.0000	4.9000		
20	XS MALLARD	158.0000	Natural	40.3050	0.0300	25.0000	4.2000		
21	80	150.0000	Natural	18.0000	0.0300	39.0000	2.5000		
22	8x4 Box	68.0000	Rectangle	32.0000	0.0130	8.0000	4.0000		
23	Clvt 10	42.0000	Rectangle	40.5000	0.0150	13.5000	3.0000		
24	Palmt0 Lk	700.0000	Natural	172.0000	0.0500	56.0000	4.5000		
25	Clvt 7	41.0000	Circular	12.5664	0.0130	4.0000	4.0000		
26	Chan A	270.0000	Natural	54.5525	0.0500	23.9500	4.9000		
27	Clvt 6	41.0000	Circular	12.5664	0.0130	4.0000	4.0000		
28	Chan B	210.0000	Natural	58.3500	0.0500	20.0000	5.3000		
29	Clvt 5	42.0000	Circular	12.5664	0.0130	4.0000	4.0000		
30	Chan C	400.0000	Natural	43.5000	0.0500	28.0000	4.0000		
31	Chan D	150.0000	Trapezoid	81.2500	0.0350	25.0000	3.2500	0.0000	0.0000
32	Oak Clvt	35.0000	Rectangle	24.0000	0.0130	8.0000	3.0000		
33	Chan E	150.0000	Trapezoid	106.1900	0.0300	25.0000	3.7000	1.0000	1.0000
34	Clvt2 Out	40.0000	Rectangle	32.0000	0.0130	8.0000	4.0000		
35	Clvt1 Out	42.0000	Rectangle	28.0000	0.0130	7.0000	4.0000		
36	Lined Ch	75.0000	Natural	92.2250	0.0250	33.6000	4.3600		
37	XS #1B	275.0000	Natural	100.6721	0.0350	50.0000	4.9100		
38	ToLake	534.4790	Natural	52.6000	0.0300	50.0000	3.4000		
39	Link224	83.8200	Circular	4.9087	0.0270	2.5000	2.5000		
40	Link225	65.1595	Circular	7.0686	0.0110	3.0000	3.0000		
41	18"RCP	9.0000	Circular	1.7671	0.0120	1.5000	1.5000		
42	36"Stub	8.0000	Circular	7.0686	0.0120	3.0000	3.0000		
43	18"RCP2	15.0000	Circular	1.7671	0.0120	1.5000	1.5000		
44	18"RCP1	15.0000	Circular	1.7671	0.0120	1.5000	1.5000		
45	12"RCP1	15.0000	Circular	0.7854	0.0120	1.0000	1.0000		
46	12"RCP2	15.0000	Circular	0.7854	0.0120	1.0000	1.0000		
47	24"RCP 1	25.0000	Circular	3.1416	0.0120	2.0000	2.0000		
48	24" RCP 2	20.0000	Circular	3.1416	0.0120	2.0000	2.0000		
49	48" RCP	72.0000	Circular	12.5664	0.0120	4.0000	4.0000		
50	Link3	52.0000	Circular	3.1416	0.0130	2.0000	2.0000		
51	Link4	17.0000	Circular	3.1416	0.0130	2.0000	2.0000		
52	Link5	25.0000	Circular	3.1416	0.0130	2.0000	2.0000		
53	Link6	126.0000	Circular	3.1416	0.0130	2.0000	2.0000		
54	Link8	29.0000	Circular	3.1416	0.0130	2.0000	2.0000		
55	Link9	132.0000	Circular	3.1416	0.0130	2.0000	2.0000		
56	Link10	29.0000	Circular	3.1416	0.0130	2.0000	2.0000		
57	Link11	110.0000	Circular	3.1416	0.0130	2.0000	2.0000		
58	Link12	63.0000	Circular	3.1416	0.0130	2.0000	2.0000		
59	Link13	29.0000	Circular	1.7671	0.0130	1.5000	1.5000		
60	Link14	118.0000	Circular	1.7671	0.0130	1.5000	1.5000		
61	Link15	390.0000	Circular	19.6350	0.0130	5.0000	5.0000		
62	Link18	144.0000	Circular	12.5664	0.0130	4.0000	4.0000		
63	Link19	51.0000	Circular	12.5664	0.0130	4.0000	4.0000		
64	Link20	89.0000	Circular	12.5664	0.0130	4.0000	4.0000		
65	Link21	248.0000	Circular	19.6350	0.0130	5.0000	5.0000		
66	Link22	248.0000	Circular	19.6350	0.0130	5.0000	5.0000		
67	Link23	248.0000	Circular	19.6350	0.0130	5.0000	5.0000		
68	Link24	29.0000	Circular	1.7671	0.0130	1.5000	1.5000		
69	Link27	165.0000	Circular	12.5664	0.0130	4.0000	4.0000		

70	Link28	50.0000	Circular	12.5664	0.0130	4.0000	4.0000
71	Link29	29.0000	Circular	12.5664	0.0130	4.0000	4.0000
72	Link30	42.0000	Circular	12.5664	0.0130	4.0000	4.0000
73	Link32	89.0000	Circular	19.6350	0.0130	5.0000	5.0000
74	Link33	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
75	Link34	42.0000	Circular	3.1416	0.0130	2.0000	2.0000
76	Link35	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
77	Link36	126.0000	Circular	3.1416	0.0130	2.0000	2.0000
78	Link37	18.0000	Circular	7.0686	0.0130	3.0000	3.0000
79	Link38	239.0000	Circular	7.0686	0.0130	3.0000	3.0000
80	Link39	259.0000	Circular	28.2743	0.0130	6.0000	6.0000
81	Link40	133.0000	Circular	28.2743	0.0130	6.0000	6.0000
82	Link41	123.0000	Circular	28.2743	0.0130	6.0000	6.0000
83	Link42	186.0000	Circular	19.6350	0.0130	5.0000	5.0000
84	Link43	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
85	Link46	98.0000	Circular	12.5664	0.0130	4.0000	4.0000
86	Link47	33.0000	Circular	12.5664	0.0130	4.0000	4.0000
87	Link48	234.0000	Circular	12.5664	0.0130	4.0000	4.0000
88	Link49	130.0000	Circular	28.2743	0.0130	6.0000	6.0000
89	Link50	58.0000	Circular	28.2743	0.0130	6.0000	6.0000
90	Link51	147.0000	Circular	28.2743	0.0130	6.0000	6.0000
91	Link52	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
92	Link53	53.0000	Circular	1.7671	0.0130	1.5000	1.5000
93	Link54	125.0000	Circular	7.0686	0.0130	3.0000	3.0000
94	Link55	19.0000	Circular	7.0686	0.0130	3.0000	3.0000
95	Link56	29.0000	Circular	7.0686	0.0130	3.0000	3.0000
96	Link57	62.0000	Circular	7.0686	0.0130	3.0000	3.0000
97	Link58	41.0000	Circular	7.0686	0.0130	3.0000	3.0000
98	Link60	108.0000	Circular	1.7671	0.0130	1.5000	1.5000
99	Link61	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
100	Link62	18.0000	Circular	1.7671	0.0130	1.5000	1.5000
101	Link63	119.0000	Circular	1.7671	0.0130	1.5000	1.5000
102	Link65	250.0000	Circular	3.1416	0.0130	2.0000	2.0000
103	Link67	280.0000	Circular	7.0686	0.0130	3.0000	3.0000
104	Link68	51.0000	Circular	7.0686	0.0130	3.0000	3.0000
105	Link69	132.0000	Circular	7.0686	0.0130	3.0000	3.0000
106	Link70	49.0000	Circular	7.0686	0.0130	3.0000	3.0000
107	Link71	132.0000	Circular	7.0686	0.0130	3.0000	3.0000
108	Link72	107.0000	Circular	7.0686	0.0130	3.0000	3.0000
109	Link73	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
110	Link74	131.0000	Circular	1.7671	0.0130	1.5000	1.5000
111	Link75	29.0000	Circular	7.0686	0.0130	3.0000	3.0000
112	Link76	43.0000	Circular	7.0686	0.0130	3.0000	3.0000
113	Link77	18.0000	Circular	1.7671	0.0130	1.5000	1.5000
114	Link78	97.0000	Circular	1.7671	0.0130	1.5000	1.5000
115	Link79	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
116	Link80	44.0000	Circular	3.1416	0.0130	2.0000	2.0000
117	Link81	119.0000	Circular	3.1416	0.0130	2.0000	2.0000
118	Link82	54.0000	Circular	3.1416	0.0130	2.0000	2.0000
119	Link83	105.0000	Circular	3.1416	0.0130	2.0000	2.0000
120	Link84	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
121	Link85	133.0000	Circular	3.1416	0.0130	2.0000	2.0000
122	Link86	52.0000	Circular	7.0686	0.0130	3.0000	3.0000
123	Link87	108.0000	Circular	7.0686	0.0130	3.0000	3.0000
124	Link88	154.0000	Circular	7.0686	0.0130	3.0000	3.0000
125	Link89	105.0000	Circular	7.0686	0.0130	3.0000	3.0000
126	Link91	41.0000	Circular	7.0686	0.0130	3.0000	3.0000
127	Link92	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
128	Link95	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
129	Link96	131.0000	Circular	3.1416	0.0130	2.0000	2.0000
130	Link97	9.0000	Circular	3.1416	0.0130	2.0000	2.0000
131	Link98	102.0000	Circular	3.1416	0.0130	2.0000	2.0000
132	Link99	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
133	Link100	131.0000	Circular	4.9087	0.0130	2.5000	2.5000
134	Link101	65.0000	Circular	3.1416	0.0130	2.0000	2.0000
135	Link102	61.0000	Circular	3.1416	0.0130	2.0000	2.0000
136	Link103	114.0000	Circular	3.1416	0.0130	2.0000	2.0000
137	Link104	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
138	Link105	83.0000	Circular	3.1416	0.0130	2.0000	2.0000
139	Link106	45.0000	Circular	3.1416	0.0130	2.0000	2.0000
140	Link107	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
141	Link108	204.0000	Circular	1.7671	0.0130	1.5000	1.5000
142	Link109	104.0000	Circular	1.7671	0.0130	1.5000	1.5000
143	Link110	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
144	Link111	22.0000	Circular	1.7671	0.0130	1.5000	1.5000
145	Link112	119.0000	Circular	1.7671	0.0130	1.5000	1.5000
146	Link113	106.0000	Circular	3.1416	0.0130	2.0000	2.0000

147	Link114	29.0000	Circular	3.1416	0.0130	2.0000	2.0000		
148	Link115	19.0000	Circular	3.1416	0.0130	2.0000	2.0000		
149	Link116	103.0000	Circular	3.1416	0.0130	2.0000	2.0000		
150	Link117	51.0000	Circular	3.1416	0.0130	2.0000	2.0000		
151	Link118	223.0000	Circular	3.1416	0.0130	2.0000	2.0000		
152	Link119	97.0000	Circular	1.7671	0.0130	1.5000	1.5000		
153	Link120	29.0000	Circular	1.7671	0.0130	1.5000	1.5000		
154	Link121	23.0000	Circular	1.7671	0.0130	1.5000	1.5000		
155	Link122	119.0000	Circular	1.7671	0.0130	1.5000	1.5000		
156	Link123	75.0000	Circular	7.0686	0.0130	3.0000	3.0000		
157	Link124	12.0000	Circular	3.1416	0.0130	2.0000	2.0000		
158	Link125	137.0000	Circular	3.1416	0.0130	2.0000	2.0000		
159	Link126	131.0000	Circular	3.1416	0.0130	2.0000	2.0000		
160	Link127	29.0000	Circular	3.1416	0.0130	2.0000	2.0000		
161	Link128	95.0000	Circular	3.1416	0.0130	2.0000	2.0000		
162	Link129	57.0000	Circular	3.1416	0.0130	2.0000	2.0000		
163	Link130	85.0000	Circular	3.1416	0.0130	2.0000	2.0000		
164	Link132	138.0000	Circular	3.1416	0.0130	2.0000	2.0000		
165	Link133	82.0000	Circular	3.1416	0.0130	2.0000	2.0000		
166	Link134	41.0000	Circular	3.1416	0.0130	2.0000	2.0000		
167	Link135	153.0000	Circular	7.0686	0.0130	3.0000	3.0000		
168	Link136	31.0000	Circular	12.5664	0.0130	4.0000	4.0000		
169	Link137	41.0000	Circular	19.6350	0.0130	5.0000	5.0000		
170	Link139	91.0000	Circular	3.1416	0.0130	2.0000	2.0000		
171	Link140	29.0000	Circular	3.1416	0.0130	2.0000	2.0000		
172	Link141	229.0000	Circular	3.1416	0.0130	2.0000	2.0000		
173	Link142	64.0000	Circular	3.1416	0.0130	2.0000	2.0000		
174	XS #7b	1100.0000	Natural	181.5410	0.0300	41.0700	9.1100		
175	L-33	129.0000	Circular	4.9087	0.0130	2.5000	2.5000		
176	L-33A	54.0000	Circular	4.9087	0.0130	2.5000	2.5000		
177	L-33B	76.0000	Circular	4.9087	0.0130	2.5000	2.5000		
178	L-33C	351.0000	Trapezoid	60.0000	0.0350	5.0000	3.0000	5.0000	5.0000
179	L-33D	64.0000	Circular	4.9087	0.0130	2.5000	2.5000		
180	L-33E	209.0000	Circular	4.9087	0.0130	2.5000	2.5000		
181	Link258	204.0000	Circular	3.1416	0.0130	2.0000	2.0000		
182	Link259	400.0000	Circular	19.6350	0.0130	5.0000	5.0000		
183	Link262	65.0000	Circular	3.1416	0.0130	2.0000	2.0000		
184	Link263	30.0000	Circular	19.6350	0.0130	5.0000	5.0000		
185	Link264	29.0000	Circular	1.7671	0.0130	1.5000	1.5000		
186	Link266	100.0000	Circular	1.7671	0.0130	1.5000	1.5000		
187	Link267	140.0000	Circular	28.2743	0.0130	6.0000	6.0000		
188	Link268	41.0000	Circular	1.7671	0.0130	1.5000	1.5000		
189	Link270	62.0000	Circular	1.7671	0.0130	1.5000	1.5000		
190	Link271	52.0000	Circular	1.7671	0.0130	1.5000	1.5000		
191	Link272	212.0000	Circular	19.6350	0.0130	5.0000	5.0000		
192	Link273	352.0000	Circular	19.6350	0.0130	5.0000	5.0000		
193	Link274	87.0000	Circular	1.7671	0.0130	1.5000	1.5000		
194	Link275	261.0000	Circular	1.7671	0.0130	1.5000	1.5000		
195	Link276	225.0000	Circular	1.7671	0.0130	1.5000	1.5000		
196	Link277	58.0000	Circular	1.7671	0.0140	1.5000	1.5000		
197	Link278	105.0000	Circular	7.0686	0.0130	3.0000	3.0000		
198	Link279	42.0000	Circular	7.0686	0.0130	3.0000	3.0000		
199	Link280	22.0000	Circular	3.1416	0.0140	2.0000	2.0000		
200	Link281	29.0000	Circular	1.7671	0.0130	1.5000	1.5000		
201	Link282	111.0000	Circular	1.7671	0.0130	1.5000	1.5000		
202	Link283	61.0000	Circular	7.0686	0.0130	3.0000	3.0000		
203	Link284	209.0000	Circular	1.7671	0.0130	1.5000	1.5000		
204	Link285	115.0000	Circular	1.7671	0.0130	1.5000	1.5000		
205	Link286	52.0000	Circular	1.7671	0.0130	1.5000	1.5000		
206	Link287	40.0000	Circular	1.7671	0.0140	1.5000	1.5000		
207	Link288	110.0000	Circular	3.1416	0.0140	2.0000	2.0000		
208	Link289	40.0000	Circular	1.7671	0.0140	1.5000	1.5000		
209	Link290	160.0000	Circular	3.1416	0.0140	2.0000	2.0000		
210	Spanish1	45.0000	Circular	4.9087	0.0120	2.5000	2.5000		
211	IndianDr1	42.0000	Circular	7.0686	0.0130	3.0000	3.0000		
212	2@42" RCP	64.0000	Circular	9.6211	0.0130	3.5000	3.5000		
213	2@24"	40.0000	Circular	3.1416	0.0130	2.0000	2.0000		
214	Seaweed.1	48.4149	Circular	4.9087	0.0120	2.5000	2.5000		
Total length of all conduits				27309.8734 feet					

=====

| Table E15 - SPREADSHEET INFO LIST |

| Conduit Flow and Junction Depth Information for use in |

| spreadsheets. The maximum values in this table are the |

| true maximum values because they sample every time step. |

| The values in the review results may only be the |

| maximum of a subset of all the time steps in the run. |

| Note: These flows are only the flows in a single barrel. |

=====

Conduit Name	Maximum Flow (cfs)	Total Flow (ft^3)	Maximum Velocity (ft/s)	Maximum Volume (ft^3)	##	Junction Name	Invert Elevation (ft)	Maximum Elevation (ft)
XS #1A	109.5108	2510028.547	3.1206	27380.0084	##	2	18.4100	22.6128
XS #2	97.1594	4626713.888	1.1506	38357.4706	##	4	18.5300	25.0307
XS #3	93.9757	4627308.450	1.1587	17004.0144	##	8	18.3000	24.8249
XS #4	96.2056	5416683.225	1.2474	12844.1202	##	15	18.2000	24.7993
XS #5	93.8077	5410838.385	1.9486	54480.2201	##	17	18.1000	22.5940
XS #6	92.0601	5404125.000	1.4233	39706.5327	##	19	18.0000	22.0708
XS #7a	91.4623	5398209.263	1.8850	28215.3758	##	25	17.2000	20.6368
XS #8	95.3606	5568816.219	2.3534	35980.8805	##	New Pond	10.0000	20.0019
XS #9	-159.2916	-9084121.20	-2.7405	4362.5822	##	32	15.4900	19.6293
XS #10	79.9524	9066513.471	5.1297	19758.1710	##	34	14.3200	19.5237
STUB	279.3443	11204831.32	15.1106	77.9108	##	36	14.3200	18.1060
FRONTAGE	327.7759	11453132.29	21.0992	1143.6462	##	38	11.9200	17.6212
HWY 17 S	333.7062	11548992.55	12.9643	1719.8571	##	41	10.9400	17.3613
HWY 17 N	340.8127	11661755.52	11.8049	2011.8063	##	45	9.1200	17.0078
PARKINGLOT	-386.8737	-12097032.2	-13.6047	2015.5588	##	48	9.6000	16.4469
TO LAKE	-387.0837	-12096158.5	-14.0365	5097.6429	##	52	22.6000	25.6373
61	139.0007	1053899.605	2.8081	17284.7735	##	55	22.1000	26.9423
62	94.9772	1043603.249	2.1676	63937.2554	##	56	22.5000	27.8414
XS #3a	99.9559	5417307.939	1.2805	5642.4842	##	63	18.4000	24.8502
XS MALLARD	64.2922	789839.2643	5.0257	6264.7993	##	64	20.4100	24.8510
80	-34.4572	-324904.848	-1.9143	2694.3711	##	68	20.9600	24.8583
8x4 Box	317.8950	13001673.83	11.1294	1940.8245	##	76	19.0000	21.5540
Clvt 10	-87.2612	-2548229.68	-3.6824	1256.5525	##	78	21.5000	24.1608
Palmt0 Lk	28.2297	2537275.336	0.9704	40243.0744	##	Lk-Elzbth	7.6700	11.2752
Clvt 7	22.0582	2523192.845	2.6084	359.9853	##	Dgwood Lk	3.9500	8.0573
Chan A	22.0572	2521883.570	1.2515	4754.4503	##	44b	6.2300	8.0501
Clvt 6	22.0587	2520805.632	3.2803	276.5689	##	46b	5.4600	7.9901
Chan B	22.0613	2520146.969	1.6604	2789.5943	##	48b	5.1700	7.9148
Clvt 5	22.0680	2519734.752	2.7065	345.7002	##	50b	5.1700	7.6193
Chan C	-22.0846	-2518937.58	-1.2952	6837.8343	##	52b	5.3500	7.4719
Chan D	68.9000	2930324.594	1.6859	6677.5697	##	54b	4.5200	6.9904
Oak Clvt	34.4556	2930359.350	2.2680	1103.9889	##	56b	4.3800	6.8950
Chan E	68.9243	2930366.424	1.3213	8104.6747	##	Myrtle Lk	4.2000	6.2029
Clvt2 Out	75.5242	6444720.396	2.7003	2235.7487	##	60b	2.5700	6.0667
Clvt1 Out	-348.0102	-11486212.6	-12.4207	1176.8668	##	Holly Lk	4.7500	6.3728
Lined Ch	348.0104	11486245.35	6.3153	4131.7795	##	63b	4.3300	6.2736
XS #1B	31.2361	2098133.971	2.0862	5394.2834	##	65b	4.2400	6.2394
ToLake	-37.3944	-1538311.27	1.6893	28092.0653	##	69b	2.5100	6.0000
Link224	-39.0553	-533177.657	-7.9491	416.4677	##	71b	3.4200	6.6305
Link225	133.2919	745300.8129	22.2514	390.3849	##	73b	5.3000	8.8711
18"RCP	35.9598	166484.7996	36.6707	9.2938	##	38b	3.2300	7.8196
36"Stub	17.6006	81911.2143	13.7254	12.9090	##	Channel	3.2600	6.0869

18"RCP2	6.4463	53177.9787	8.1604	26.8582	##	1B	20.9000	22.8314
18"RCP1	5.5075	42706.4992	7.6103	26.8582	##	1A	20.9000	25.5526
12"RCP1	7.0729	54918.0207	18.2827	8.4413	##	53A	20.9044	25.6369
12"RCP2	6.8138	57813.6088	18.7350	8.2995	##	53B	20.9206	25.6254
24"RCP 1	6.2200	51318.1737	8.1274	77.1003	##	Node214	26.0000	28.3716
24" RCP 2	6.2597	51327.2150	3.7755	65.8681	##	Node215	22.0000	29.2886
48" RCP	17.5823	81918.6432	6.5579	466.9785	##	Ditch	20.0000	20.7634
Link3	2.8923	17327.7311	3.2335	96.1652	##	Node217	17.0600	17.9976
Link4	2.6380	15739.0686	9.9524	3.5421	##	Node219	17.5000	18.2389
Link5	-27.7948	9291.4643	-8.7640	79.0499	##	Node220	15.0000	17.6671
Link6	-11.1368	9644.3071	-3.7071	398.2678	##	CB 2	15.0000	17.6552
Link8	2.0841	8665.0610	-1.3968	95.5088	##	CB 1	15.0000	17.6533
Link9	-4.4640	16838.2561	-1.5439	418.2079	##	Node223	18.0000	18.5534
Link10	3.8274	23215.9044	-2.0316	95.5088	##	Node224	18.0000	18.5258
Link11	-4.5601	24500.7339	-2.2893	362.2747	##	Node225	16.0000	17.6504
Link12	-7.7417	35048.9619	-2.6341	200.5442	##	1	21.1000	25.5671
Link13	1.5860	6587.5278	3.4043	13.0808	##	6	18.4000	24.9003
Link14	2.5738	10732.5269	4.6320	166.8150	##	21	17.9000	21.9093
Link15	32.8606	2245732.436	3.0301	4910.3775	##	23	17.5000	21.6256
Link18	6.3655	146347.9406	1.8714	979.1500	##	27	14.2700	20.0839
Link19	6.3491	146400.1283	1.9581	365.5098	##	CI-73	20.3100	21.6808
Link20	6.3371	146407.8107	2.3197	682.5516	##	CI-72	20.6700	21.6870
Link21	36.8641	2414686.126	2.9568	3649.9377	##	Pond 17	19.0000	23.8403
Link22	37.1772	2429047.695	2.9284	3765.7186	##	JB 80	20.0000	24.1229
Link23	37.3536	2435684.552	2.8960	3902.2373	##	CB-76	21.1000	25.1049
Link24	2.0112	8324.1100	2.2457	26.9955	##	CI-75	18.4800	21.6661
Link27	-11.4531	88048.9891	2.4536	1495.2820	##	CI-74	18.1900	21.6659
Link28	25.8015	1723986.710	4.0795	658.6813	##	Pond 3	14.0000	21.6649
Link29	21.2433	1733808.981	-2.5276	382.0352	##	CI-71	18.0000	21.6823
Link30	-35.8526	1749171.119	-3.4236	552.1827	##	CI-70	17.9300	21.6784
Link32	32.8098	2246346.022	3.0100	1020.4575	##	JB-67	17.6500	21.6764
Link33	1.9687	8072.6436	2.6557	25.8507	##	CI-69	21.7700	22.2375
Link34	3.5972	14837.3076	3.3544	41.2918	##	CI-68	21.4800	21.9204
Link35	4.6937	19259.1471	2.6815	72.1313	##	JB #12	18.5000	21.4651
Link36	8.4322	34783.2135	4.7570	389.4837	##	JB #11	18.1100	21.2668
Link37	-6.0529	8844.7720	4.2620	88.1992	##	JB-12	18.9600	21.0198
Link38	1.7309	8783.3654	1.4307	1607.2828	##	JB-11	18.8100	21.0095
Link39	40.8175	2551637.842	1.8608	6342.6725	##	JB-10	18.7600	21.0029
Link40	41.4132	2581666.303	1.8525	3302.0342	##	CB-09	17.5400	20.9969
Link41	41.6510	2592206.970	1.8545	3064.3054	##	CB-08	17.2900	20.8514
Link42	40.3869	2533467.169	2.9452	2989.8241	##	CB-07	17.0500	20.7135
Link43	2.8693	11842.9263	2.6887	34.3072	##	CB-06	16.8000	20.6120
Link46	23.3203	231670.4265	2.6377	957.2529	##	CI #66-B	20.7200	21.4722
Link47	23.2983	231717.2967	2.7687	323.3733	##	CI #66-A	20.5700	21.3815
Link48	23.2570	231479.7624	2.8371	2332.1744	##	Pond 2	14.0000	20.6132
Link49	73.8133	3497074.821	2.9914	3303.9722	##	Pond 7	15.0000	22.3148
Link50	78.6110	3550741.712	3.0730	1552.9696	##	CI-81	16.7500	22.2713
Link51	78.6156	3549469.244	2.8872	4089.7520	##	CI-82	16.6800	22.2335
Link52	-7.6079	6747.5205	-4.2731	51.9944	##	Pond 5	15.0000	22.1943
Link53	-10.0215	13958.1198	-5.6136	95.1590	##	JB #14	18.9800	21.8376
Link54	14.0015	566900.8673	2.4588	747.2678	##	CI #119	22.6700	23.2199
Link55	13.9962	566925.7565	2.2682	117.5420	##	CI #118	22.3800	23.1397
Link56	14.3534	582206.1828	2.3483	178.4022	##	CI-84	20.9100	22.3150
Link57	14.6133	593462.3850	3.2675	385.6531	##	CI-83	20.7600	22.3149
Link58	14.6087	593471.3862	3.5780	271.1180	##	CB-16	19.0000	20.5193
Link60	-2.2576	11617.9921	-1.5489	192.5764	##	JB-15	18.0000	20.5193

Link61	4.5416	24154.9295	-2.7037	53.7237	##	CB-05	15.7000	20.5193
Link62	6.5888	32636.7334	3.6993	33.3457	##	CB-04	15.5100	20.4221
Link63	6.5911	32519.0035	3.7023	213.2127	##	CB-03	15.4400	20.3795
Link65	-3.1062	-151.2411	-1.1472	788.8037	##	JB #02	15.4000	20.3493
Link67	41.2096	39003.0792	5.7862	2072.9212	##	CI-64	20.7100	21.7644
Link68	-61.1900	38070.8261	-8.5835	363.1081	##	CI-63	21.0000	21.8584
Link69	19.8952	293085.4128	4.2875	978.0684	##	CB-19A	17.6900	20.5951
Link70	-35.8139	291504.0111	-5.2425	363.0981	##	JB-18	17.5900	20.4919
Link71	-9.2674	502605.4204	-1.5975	946.1933	##	JB-17	17.4900	20.4127
Link72	-21.0532	680652.2607	-2.9566	765.7386	##	CB-01	15.0800	20.2508
Link73	1.9161	7910.8545	3.3296	23.2839	##	CB-00	14.5000	20.1777
Link74	4.7917	19728.7310	6.3109	227.6295	##	CI-60	16.4900	21.2756
Link75	-13.3218	91513.3392	-3.4586	214.8948	##	CI-59	16.3400	21.2754
Link76	-16.7372	100056.6275	-3.4588	318.6371	##	Pond 1-A	15.0000	21.2744
Link77	0.1856	937.6810	0.4752	33.3457	##	JB-24	18.6900	21.1546
Link78	1.5528	7931.9009	3.0021	174.3283	##	CI-23	18.6400	21.0835
Link79	-4.1762	14614.8008	2.0699	95.5088	##	CI-22	18.5700	21.0046
Link80	13.8318	24039.6258	3.3761	144.9099	##	JB-21	18.4100	20.9131
Link81	17.6680	24225.0009	9.6122	379.0215	##	Pond 14	12.0000	20.8496
Link82	3.8844	19601.7526	2.6708	128.3368	##	CB 19B	18.4000	20.6409
Link83	6.3494	37504.3551	3.1694	309.5671	##	CB-58	18.2000	21.2913
Link84	8.3722	47084.1133	3.4306	95.1732	##	CI-57	17.6600	21.2892
Link85	11.3133	59991.4024	4.7590	420.8567	##	CI-56	17.5100	21.2868
Link86	3.0706	19302.0007	2.8180	238.6269	##	JB-55	17.4200	21.2834
Link87	5.0301	32149.4419	1.8942	643.0457	##	CB-114	22.0000	23.0453
Link88	4.8519	32054.8236	1.2202	1116.1711	##	CB #116	20.8000	22.9124
Link89	-7.9788	41466.5279	-2.6032	778.0673	##	CB #115	19.5500	22.9122
Link91	-25.3511	54368.6817	-3.4387	291.5182	##	Pond 8	15.0000	22.9122
Link92	-1.3744	3476.0624	4.9981	29.5955	##	Pond 10	15.0000	24.2079
Link95	2.5507	10406.3934	7.4988	35.3738	##	JB-87	16.7300	25.1322
Link96	-17.7249	33892.5162	-5.6109	416.5889	##	Pond 9-A	15.0000	22.3462
Link97	11.9026	69378.5885	3.7763	29.6407	##	JB #123	16.1300	22.3403
Link98	12.9956	76174.6699	4.1250	335.0763	##	Pond 9-B	15.0000	22.3384
Link99	14.0677	81950.1418	4.4660	95.5088	##	Pond 9-C	15.0000	22.3289
Link100	14.9738	86636.6843	3.0452	658.0086	##	CI-89	21.7900	22.3466
Link101	6.5554	42904.7508	3.3478	193.0903	##	CI-88	21.5000	22.3466
Link102	6.9261	45766.7282	3.3410	195.5464	##	CI-86	17.5800	22.3291
Link103	7.8751	52117.9838	3.4625	359.6374	##	CI-85	17.2900	22.3290
Link104	9.0281	59180.5449	2.8663	95.5088	##	CB-94	20.2000	22.3464
Link105	9.7420	63418.5164	3.0920	262.7057	##	CB-93	20.1100	22.3464
Link106	-12.8303	70153.4994	-4.1115	148.2033	##	CI-92	19.1300	22.3463
Link107	0.7057	2933.8576	2.1049	10.0374	##	CI-91	18.9800	22.3463
Link108	1.7014	7062.3395	3.4119	304.4964	##	JB-90	18.8400	22.5920
Link109	0.7736	4589.2201	1.2330	132.1284	##	CB-49	20.0000	21.2879
Link110	4.0692	19211.0515	2.5152	47.4934	##	CB-48	19.7300	21.2873
Link111	7.0565	31672.4153	4.3786	31.9303	##	CI-47	19.2100	21.2846
Link112	7.0341	31650.7960	5.4016	208.3838	##	CI-46	19.0600	21.2823
Link113	3.9395	19887.7930	1.2396	343.1950	##	CB #54-A	19.7000	21.3209
Link114	12.1802	54954.7014	3.8208	95.5088	##	CB-53	19.1800	21.2974
Link115	18.2247	79806.1597	5.7200	62.5735	##	JB-52	18.6400	21.3318
Link116	18.2051	79559.7504	5.7213	334.3954	##	CI-51A	17.8700	21.3561
Link117	18.1992	79242.8658	5.7290	167.9637	##	JB-50	16.9500	21.3102
Link118	18.2053	78828.7926	5.7399	711.3842	##	CI-51B	20.9300	21.3963
Link119	2.3272	14377.8828	2.7337	174.3301	##	CI-45	22.3600	22.6003
Link120	3.8298	22507.7544	2.6440	53.7237	##	CI-41	15.7600	21.3617
Link121	6.3073	33322.0197	4.2288	42.6084	##	Pond 1-B	15.0000	21.3475

Link122	6.2986	33313.6072	5.3374	212.8314	##	CB-40	19.0000	22.1120
Link123	14.8713	185820.1224	3.6296	552.3478	##	CB-39	18.9500	21.9367
Link124	6.3008	55012.1193	9.4733	7.4058	##	CI-38	18.4400	21.5547
Link125	6.2968	55029.8075	3.5392	292.2531	##	CI-37	17.8000	21.4058
Link126	6.9043	60691.6892	2.8894	367.2282	##	CB-34	20.3200	22.0134
Link127	7.6866	70856.9596	2.7456	90.9371	##	CB-33	19.9900	21.9256
Link128	8.2585	76420.3779	3.5645	310.4921	##	CB-32	19.6900	21.8290
Link129	8.2336	76188.1809	3.6653	180.0560	##	CI-31	18.6200	21.6430
Link130	10.0963	108830.5406	3.6422	200.2465	##	CI-30	18.4700	21.5459
Link132	-7.4969	15686.7836	-2.4415	445.7883	##	JB-29	17.0600	21.4136
Link133	-12.5179	15303.4026	-4.1040	264.1850	##	CI-35	21.2200	21.5867
Link134	-18.2267	15064.3956	-5.7638	130.3340	##	CI-36	21.0800	21.4645
Link135	29.2262	348778.8396	4.1247	1099.0923	##	CB-28	21.0000	21.7935
Link136	6.3808	146295.8410	1.8337	200.1806	##	CI-27	20.4800	21.7789
Link137	15.2048	637261.4977	1.0163	674.2648	##	CI-26	20.3400	21.6642
Link139	-3.7325	15661.1632	-1.8439	297.2895	##	JB-25	20.2300	21.3690
Link140	-6.0225	15442.6909	-2.8491	95.5088	##	CB-104	18.3000	24.4622
Link141	-9.6591	15087.0898	-3.2399	727.6725	##	CI-103	17.7700	24.4118
Link142	4.4528	182110.4917	5.1945	98.5073	##	CI-102	17.6300	24.1482
XS #7b	95.5271	5573349.356	2.1016	49990.2064	##	JB-101	17.5300	23.6223
L-33	10.4124	64685.6893	5.4719	202.3259	##	JB-100	17.0100	22.5657
L-33A	10.8244	66973.4431	6.4157	139.7085	##	JB-99	16.7600	22.3484
L-33B	11.9433	73263.1218	4.3040	335.0402	##	Pond 11	15.5000	22.3471
L-33C	18.6200	174730.4052	0.9408	16822.1493	##	CB-98	20.9000	22.3483
L-33D	17.6024	175272.7316	3.4299	329.3406	##	CI-97	20.4200	22.3481
L-33E	19.5558	196692.1918	3.8441	1041.2883	##	CI-96	20.2700	22.3480
Link258	22.4523	474746.0647	10.0408	105.6526	##	JB-95	20.1600	22.3477
Link259	32.8239	2246086.135	3.1280	4690.6227	##	Pond 12	20.0000	25.9660
Link262	-3.7940	19648.7150	3.6839	197.4528	##	JB-109	23.5000	24.6084
Link263	21.7292	1771674.945	2.4782	347.4084	##	CB-108	22.8100	24.2943
Link264	1.6375	6763.8468	3.6209	11.0797	##	CI-107	22.1600	24.1178
Link266	6.1973	25598.1794	4.7308	126.1244	##	CI-106	22.0100	24.0211
Link267	41.2550	2576324.698	1.8526	3458.4193	##	JB-105	21.5400	23.8587
Link268	3.2706	13527.0667	7.3661	57.7014	##	Pond 15	18.0000	23.7285
Link270	3.6947	15349.9651	4.0234	41.9630	##	Pond 13	18.0000	23.0136
Link271	3.6857	15309.0501	6.7471	82.7866	##	Node137	17.4000	21.3626
Link272	32.9021	2245594.445	2.9196	2816.5746	##	CB-112	20.3700	23.7489
Link273	32.9504	2245444.209	2.8902	4925.5516	##	CB-111	19.6800	23.7401
Link274	1.5404	7957.0732	3.8493	14.8311	##	CB-110	19.2700	23.7333
Link275	2.8910	14940.0757	4.6307	315.7022	##	OS 13	19.0000	21.0273
Link276	2.1515	11164.5681	2.6812	322.8359	##	OS 20	16.5000	20.3609
Link277	2.9329	11124.5223	3.6780	103.8036	##	CB-44	17.5000	21.3810
Link278	-22.6534	292106.3021	-3.3284	778.0673	##	JB-42	17.0500	21.3752
Link279	-7.2841	83109.5191	-2.1949	311.2269	##	JB-43	16.9000	21.3718
Link280	-12.6739	-577.2488	-4.1741	70.9748	##	OS #113	21.0000	21.6620
Link281	1.6365	6764.2369	3.0387	17.5661	##	N-33A	21.0000	21.9039
Link282	3.2613	13493.0351	4.7684	147.1257	##	N-33B	19.6000	21.5356
Link283	-15.3369	54676.0143	-3.1648	449.1017	##	N-33C	19.1700	21.4916
Link284	2.0427	12806.3990	1.1500	387.1810	##	N-33D	18.5300	21.4711
Link285	2.9362	12003.8882	5.6337	13.4497	##	N-33E	18.2500	21.2196
Link286	1.1325	4616.5923	2.2907	26.4826	##	CB #120	25.7000	27.0582
Link287	6.1631	31849.0890	3.4688	74.1016	##	OS #5	17.0000	21.8501
Link288	10.9688	63507.2824	3.4803	362.0935	##	JB #13	18.9000	21.7036
Link289	1.2502	7909.3610	1.0179	66.1758	##	CI #19-D	20.9900	21.4573
Link290	4.9276	31650.0258	2.8500	410.7636	##	CI #19-C	20.7000	21.0395
Spanish1	91.6608	-1640249.20	19.2741	231.5676	##	JB #62	15.5800	20.4655

IndianDr1	95.1015	5415962.104	13.3590	311.2269	##	JB #65	20.2600	20.7233
2@42" RCP	45.8013	5401344.241	4.5427	1210.9893	##	JB #10	17.8900	21.1414
2@24"	32.3781	789068.9081	10.2533	256.6306	##	CB #126	23.7000	24.1198
Seaweed.1	-21.6489	-1073859.92	5.1805	474.1282	##	CB #125	22.7300	23.2159
Screen.1	159.6842	9070272.688	4.5162	33660.6324	##	CB #122	19.7000	20.6151
WEIR#1	0.0000	0.0000	0.0000	0.0000	##	JB #121	19.1200	20.6159
WEIR#2	0.0000	0.0000	0.0000	0.0000	##	JB #113-B	16.5500	22.3430
WEIR#3	0.0000	0.0000	0.0000	0.0000	##	OS #117	17.0000	22.3292
Dway Top	0.0000	0.0000	0.0000	0.0000	##	CI #54-C	21.0100	21.5140
WEIR#5	0.0000	0.0000	0.0000	0.0000	##	CI #54-B	20.7200	21.3431
WEIR#8	-19.0584	-221960.191	0.0000	0.0000	##	JB #50-B	17.5600	21.3583
WEIR#9	-15.3107	-103073.486	0.0000	0.0000	##	Node43D	24.0000	24.5083
WEIR#10	21.4979	172428.9553	0.0000	0.0000	##	Node43C	24.2000	24.6827
WEIR#11	82.3624	1887585.841	0.0000	0.0000	##	Node274	19.4500	22.4943
WEIR#12	0.0000	0.0000	0.0000	0.0000	##	Node275	19.3300	22.3675
WEIR#13	214.0345	10942067.89	0.0000	0.0000	##	Node276	20.8200	22.1036
WEIR#14	348.0080	11485078.64	0.0000	0.0000	##	Node277	20.7200	22.0992
WEIR#15	0.0000	0.0000	0.0000	0.0000	##			
WEIR#16	151.0477	6444727.379	0.0000	0.0000	##			
WEIR#17	0.0000	0.0000	0.0000	0.0000	##			
WeirA	12.7465	1013528.903	0.0000	0.0000	##			
WeirB	18.5606	1086666.328	0.0000	0.0000	##			
Weir1	11.4924	480021.1454	0.0000	0.0000	##			
WEIR#6	67.7595	966538.0176	0.0000	0.0000	##			
WEIR#7	-43.7788	-140215.421	0.0000	0.0000	##			
Weir13-1.1	6.1792	145807.0362	0.0000	0.0000	##			
Weir13-2	0.2076	496.5194	0.0000	0.0000	##			
Throat 13	0.0000	0.0000	0.0000	0.0000	##			
Riser13	0.0000	0.0000	0.0000	0.0000	##			
Weir-1	21.7259	1771848.967	0.0000	0.0000	##			
Throat	0.0000	0.0000	0.0000	0.0000	##			
Riser	0.0000	0.0000	0.0000	0.0000	##			
Weir14-1	3.6978	197897.1978	0.0000	0.0000	##			
Weir20-2	11.5259	439368.2279	0.0000	0.0000	##			
Throat20	0.0000	0.0000	0.0000	0.0000	##			
Grate20	0.0000	0.0000	0.0000	0.0000	##			
Weir1-#8	5.2026	83245.0939	0.0000	0.0000	##			
Throat#8	0.0000	0.0000	0.0000	0.0000	##			
Riser#8	0.0000	0.0000	0.0000	0.0000	##			
Weir 1	4.4004	182046.9584	0.0000	0.0000	##			
Throat13	0.0514	61.6298	0.0000	0.0000	##			
Grate	0.0000	0.0000	0.0000	0.0000	##			
FREE # 1	151.0484	6444752.030	0.0000	0.0000	##			
FREE # 2	348.0104	11486325.60	0.0000	0.0000	##			

Table E16. New Conduit Information Section #
Conduit Invert (IE) Elevation and Conduit #
Maximum Water Surface (WS) Elevations #
#####

Conduit Name	Upstream Node	Downstream Node	IE Up	IE Dn	WS Up	WS Dn	Conduit Type
XS #1A	1	1A	21.1000	20.9000	25.5671	25.5526	Natural
XS #2	4	6	18.5300	18.4000	25.0307	24.9003	Natural
XS #3	6	63	18.4000	18.4000	24.9003	24.8502	Natural
XS #4	8	15	18.3000	18.2000	24.8249	24.7993	Natural
XS #5	17	19	18.1000	18.0000	22.5940	22.0708	Natural
XS #6	19	21	18.0000	17.9000	22.0708	21.9093	Natural
XS #7a	23	Node137	17.5000	17.4000	21.6256	21.3626	Natural
XS #8	25	27	17.2000	15.6000	20.6368	20.0839	Natural
XS #9	New Pond	27	16.2000	15.6000	20.0019	20.0839	Natural
XS #10	32	34	15.5000	15.0000	19.6293	19.5237	Circular
STUB	34	36	15.3000	14.5000	19.5237	18.1060	Circular
FRONTAGE	36	38	14.3200	12.1000	18.1060	17.6212	Circular
HWY 17 S	38	41	11.9200	11.0000	17.6212	17.3613	Circular
HWY 17 N	41	45	10.9400	9.8900	17.3613	17.0078	Circular
PARKINGLOT	48	45	9.9000	9.1200	16.4469	17.0078	Circular
TO LAKE	Lk-Elzbth	48	9.8700	9.6100	15.1409	16.4469	Circular
61	56	55	22.5000	22.1000	27.8414	26.9423	Natural
62	55	1	22.1000	21.1000	26.9423	25.5671	Natural
XS #3a	63	8	18.4000	18.3000	24.8502	24.8249	Natural
XS MALLARD	64	63	20.4100	18.4000	24.8510	24.8502	Natural
80	78	68	21.5000	20.9600	24.1608	24.8583	Natural
8x4 Box	73b	Dgwood Lk	5.3000	5.0300	8.8711	8.5942	Rectangle
Clvt 10	44b	Dgwood Lk	6.2300	5.4200	8.0501	8.0573	Rectangle
Palmt0 Lk	44b	46b	6.2300	5.4600	8.0501	7.9901	Natural
Clvt 7	46b	48b	5.4600	5.1700	7.9901	7.9148	Circular
Chan A	48b	50b	5.5100	5.1700	7.9148	7.6193	Natural
Clvt 6	50b	52b	5.5100	5.3500	7.6193	7.4719	Circular
Chan B	52b	54b	5.3500	4.5200	7.4719	6.9904	Natural
Clvt 5	54b	56b	4.5200	4.3800	6.9904	6.8950	Circular
Chan C	Myrtle Lk	56b	4.5000	4.3800	6.2029	6.8950	Natural
Chan D	Holly Lk	63b	4.7500	4.3300	6.3728	6.2736	Trapezoid
Oak Clvt	63b	65b	4.3300	4.2400	6.2736	6.2394	Rectangle
Chan E	65b	Myrtle Lk	4.2400	4.2000	6.2394	6.2029	Trapezoid
Clvt2 Out	60b	69b	2.5700	2.5100	6.0667	6.0000	Rectangle
Clvt1 Out	71b	38b	3.4600	3.2300	7.4600	7.8196	Rectangle
Lined Ch	71b	Channel	3.4200	3.2600	6.6305	6.0869	Natural
XS #1B	1B	2	20.9000	20.7000	22.8314	22.6128	Natural
ToLake	1	53B	21.1000	20.9206	25.5671	25.6254	Natural
Link224	53A	Node215	24.0004	22.0000	26.1076	29.2886	Circular
Link225	Node214	53A	26.0000	24.0004	28.3716	26.3719	Circular
18"RCP	Ditch	36	20.0000	14.3200	20.7634	18.1060	Circular
36"Stub	Node219	Node217	17.5000	17.0600	18.2389	17.9976	Circular
18"RCP2	CB 2	38	15.0000	13.0000	17.6552	17.6212	Circular
18"RCP1	CB 1	38	15.0000	13.0000	17.6533	17.6212	Circular
12"RCP1	Node223	41	18.0000	15.0000	18.5534	17.3613	Circular
12"RCP2	Node224	41	18.0000	15.0000	18.5258	17.3613	Circular
24"RCP 1	Node225	Node220	16.0000	15.0000	17.6504	17.6671	Circular
24" RCP 2	Node220	CB 2	15.0000	15.0000	17.6671	17.6552	Circular
48" RCP	Node217	36	17.0600	14.3200	17.9976	18.1060	Circular
Link3	CI-72	CI-73	20.6700	20.4100	21.6870	21.6808	Circular
Link4	Pond 17	CI-72	23.6000	20.7700	23.8403	21.6870	Circular
Link5	JB 80	Pond 17	20.0000	19.8000	24.1229	23.8403	Circular
Link6	CB-76	JB 80	21.1000	20.0000	25.1049	24.1229	Circular
Link8	CI-75	CI-74	18.4800	18.1900	21.6661	21.6659	Circular
Link9	CI-74	Pond 3	18.1900	17.0000	21.6659	21.6649	Circular
Link10	CI-71	CI-70	18.0000	17.9300	21.6823	21.6784	Circular
Link11	CI-70	JB-67	17.9300	17.6500	21.6784	21.6764	Circular
Link12	JB-67	Pond 3	17.6500	15.5000	21.6764	21.6649	Circular
Link13	CI-69	CI-68	21.7700	21.4800	22.2375	21.9204	Circular
Link14	CI-68	JB-67	21.4800	18.1500	21.9204	21.6764	Circular
Link15	JB #12	JB #11	18.5000	18.1100	21.4651	21.2668	Circular
Link18	JB-12	JB-11	18.9600	18.8100	21.0198	21.0095	Circular
Link19	JB-11	JB-10	18.8100	18.7600	21.0095	21.0029	Circular
Link20	JB-10	CB-09	18.7600	18.5400	21.0029	20.9969	Circular
Link21	CB-09	CB-08	17.5400	17.2900	20.9969	20.8514	Circular
Link22	CB-08	CB-07	17.2900	17.0500	20.8514	20.7135	Circular
Link23	CB-07	CB-06	17.0500	16.8000	20.7135	20.6120	Circular
Link24	CI #66-B	CI #66-A	20.7200	20.5700	21.4722	21.3815	Circular
Link27	Pond 2	CB-06	18.0000	17.8000	20.6132	20.6120	Circular

Link28	Pond 7	CI-81	17.0000	16.7500	22.3148	22.2713	Circular
Link29		CI-82	16.7500	16.6800	22.2713	22.2335	Circular
Link30		CI-82	Pond 5	16.6800	16.0000	22.2335	Circular
Link32	JB #14	JB #13	18.9800	18.9000	21.8376	21.7036	Circular
Link33	CI #119	CI #118	22.6700	22.3800	23.2199	23.1397	Circular
Link34	CI #118	Pond 7	22.3800	22.1700	23.1397	22.8145	Circular
Link35		CI-83	20.9100	20.7600	22.3150	22.3149	Circular
Link36	CI-83	Pond 7	20.7600	20.0000	22.3149	22.3148	Circular
Link37	CB-16	JB-15	19.0000	18.0000	20.5193	20.5193	Circular
Link38	JB-15	CB-05	18.0000	17.5000	20.5193	20.5193	Circular
Link39	CB-05	JB #62	15.7000	15.5800	20.5193	20.4655	Circular
Link40	CB-04	CB-03	15.5100	15.4400	20.4221	20.3795	Circular
Link41	CB-03	JB #02	15.4400	15.4000	20.3795	20.3493	Circular
Link42	CB-06	CB-05	16.8000	16.7000	20.6120	20.5193	Circular
Link43		CI-64	21.0000	20.7100	21.8584	21.7644	Circular
Link46	CB-19A	JB-18	17.6900	17.5900	20.5951	20.4919	Circular
Link47	JB-18	JB-17	17.5900	17.4900	20.4919	20.4127	Circular
Link48	JB-17	JB #02	17.4900	17.3000	20.4127	20.3493	Circular
Link49	JB #02	CB-01	15.4000	15.0800	20.3493	20.2508	Circular
Link50	CB-01	CB-00	15.0800	14.5000	20.2508	20.1777	Circular
Link51	CB-00	27	14.5000	14.2700	20.1777	20.0839	Circular
Link52	CI-60	CI-59	16.4900	16.3400	21.2756	21.2754	Circular
Link53	CI-59	Pond 1-A	16.3400	16.0000	21.2754	21.2744	Circular
Link54	Pond 1-A	JB-24	19.0000	18.6900	21.2744	21.1546	Circular
Link55	JB-24	CI-23	18.6900	18.6400	21.1546	21.0835	Circular
Link56	CI-23	CI-22	18.6400	18.5700	21.0835	21.0046	Circular
Link57	CI-22	JB-21	18.5700	18.4100	21.0046	20.9131	Circular
Link58	JB-21	Pond 14	18.4100	18.0000	20.9131	20.8496	Circular
Link60	CB-58	CI-57	18.2000	17.6600	21.2913	21.2892	Circular
Link61	CI-57	CI-56	17.6600	17.5100	21.2892	21.2868	Circular
Link62	CI-56	JB-55	17.5100	17.4200	21.2868	21.2834	Circular
Link63	JB-55	Pond 1-A	17.4200	16.5000	21.2834	21.2744	Circular
Link65	CB #116	CB #115	20.8000	19.5500	22.9124	22.9122	Circular
Link67	Pond 10	JB-87	17.0000	16.7300	24.2521	25.1322	Circular
Link68	JB-87	Pond 8	16.7300	16.5000	25.1322	22.9122	Circular
Link69	Pond 9-A	JB #113-B	17.0000	16.5500	22.3462	22.3430	Circular
Link70	JB #123	Pond 9-B	16.1300	16.0000	22.3403	22.3384	Circular
Link71	Pond 9-B	Pond 9-C	19.0000	18.0000	22.3384	22.3289	Circular
Link72	Pond 9-C	Pond 7	17.0000	16.0000	22.3289	22.3148	Circular
Link73	CI-89	CI-88	21.7900	21.5000	22.3466	22.3466	Circular
Link74	CI-88	Pond 9-A	21.5000	17.0000	22.3466	22.3462	Circular
Link75	CI-86	CI-85	17.5800	17.2900	22.3291	22.3290	Circular
Link76	CI-85	Pond 9-C	17.2900	17.0000	22.3290	22.3289	Circular
Link77	CB-94	CB-93	20.2000	20.1100	22.3464	22.3464	Circular
Link78	CB-93	CI-92	20.1100	19.6300	22.3464	22.3463	Circular
Link79	CI-92	CI-91	19.1300	18.9800	22.3463	22.3463	Circular
Link80	CI-91	JB-90	18.9800	18.8400	22.3463	22.5920	Circular
Link81	JB-90	Pond 9-A	18.8400	16.0000	22.5920	22.3462	Circular
Link82	CB-49	CB-48	20.0000	19.7300	21.2879	21.2873	Circular
Link83	CB-48	CI-47	19.7300	19.2100	21.2873	21.2846	Circular
Link84	CI-47	CI-46	19.2100	19.0600	21.2846	21.2823	Circular
Link85	CI-46	Pond 1-A	19.0600	17.0000	21.2823	21.2744	Circular
Link86	CB #54-A	CB-53	19.7000	19.1800	21.3208	21.2974	Circular
Link87	CB-53	JB-52	19.1800	18.6400	21.2974	21.3318	Circular
Link88	JB-52	CI-51A	18.6400	17.8700	21.3318	21.3561	Circular
Link89	CI-51A	JB #50-B	17.8700	17.5600	21.3561	21.3583	Circular
Link91	JB-50	Pond 1-A	16.9500	15.5000	21.3102	21.2744	Circular
Link92	CI-51B	CI-51A	20.9300	19.8500	21.3963	21.3561	Circular
Link95	CI-45	CI-41	22.3600	16.2600	22.6003	21.3617	Circular
Link96	CI-41	Pond 1-B	15.7600	15.5000	21.3617	21.3475	Circular
Link97	CB-40	CB-39	19.0000	18.9500	22.1120	21.9367	Circular
Link98	CB-39	CI-38	18.9500	18.4400	21.9367	21.5547	Circular
Link99	CI-38	CI-37	18.4400	18.3000	21.5547	21.4058	Circular
Link100	CI-37	Pond 1-B	17.8000	17.0000	21.4058	21.3475	Circular
Link101	CB-34	CB-33	20.3200	19.9900	22.0134	21.9256	Circular
Link102	CB-33	CB-32	19.9900	19.6900	21.9256	21.8290	Circular
Link103	CB-32	CI-31	19.6900	18.6200	21.8290	21.6430	Circular
Link104	CI-31	CI-30	18.6200	18.4700	21.6430	21.5459	Circular
Link105	CI-30	JB-29	18.4700	17.0600	21.5460	21.4136	Circular
Link106	JB-29	Pond 1-B	17.0600	16.8300	21.4136	21.3475	Circular
Link107	CI-35	CI-36	21.2200	21.0800	21.5867	21.4645	Circular
Link108	CI-36	JB-29	21.0800	17.5600	21.4645	21.4136	Circular
Link109	CB-28	CI-27	21.0000	20.4800	21.7935	21.7789	Circular
Link110	CI-27	CI-26	20.4800	20.3400	21.7789	21.6642	Circular
Link111	CI-26	JB-25	20.3400	20.2300	21.6642	21.3690	Circular
Link112	JB-25	Pond 1-B	20.2300	18.0000	21.3690	21.3475	Circular
Link113	CB-104	CI-103	18.3000	17.7700	24.4622	24.4118	Circular

Link114	CI-103	CI-102	17.7700	17.6300	24.4118	24.1482	Circular
Link115	CI-102	JB-101	17.6300	17.5300	24.1482	23.6223	Circular
Link116	JB-101	JB-100	17.5300	17.0100	23.6223	22.5657	Circular
Link117	JB-100	JB-99	17.0100	16.7600	22.5657	22.3484	Circular
Link118	JB-99	Pond 11	16.7600	15.5000	22.3484	22.3471	Circular
Link119	CB-98	CI-97	20.9000	20.4200	22.3483	22.3481	Circular
Link120	CI-97	CI-96	20.4200	20.2700	22.3481	22.3480	Circular
Link121	CI-96	JB-95	20.2700	20.1600	22.3480	22.3477	Circular
Link122	JB-95	Pond 11	20.1600	18.0000	22.3477	22.3471	Circular
Link123	Pond 11	Pond 9-A	19.0000	18.4000	22.3471	22.3462	Circular
Link124	Pond 12	JB-109	25.5000	23.5000	25.9660	24.6084	Circular
Link125	JB-109	CB-108	23.5000	22.8100	24.6084	24.2943	Circular
Link126	CB-108	CI-107	22.8100	22.1600	24.2943	24.1178	Circular
Link127	CI-107	CI-106	22.1600	22.0100	24.1178	24.0211	Circular
Link128	CI-106	JB-105	22.0100	21.5400	24.0211	23.8587	Circular
Link129	JB-105	Pond 15	21.5400	20.0000	23.8587	23.7285	Circular
Link130	Pond 15	Pond 13	22.0000	21.5000	23.7285	23.0136	Circular
Link132	CB-112	CB-111	20.3700	19.6800	23.7489	23.7401	Circular
Link133	CB-111	CB-110	19.6800	19.2700	23.7401	23.7333	Circular
Link134	CB-110	Pond 15	19.2700	18.0000	23.7333	23.7285	Circular
Link135	Pond 1-B	Pond 1-A	17.0000	16.0000	21.3475	21.2744	Circular
Link136	OS 13	JB-12	19.0000	18.9600	21.0273	21.0198	Circular
Link137	OS 20	JB #02	16.5000	16.4000	20.3609	20.3493	Circular
Link139	CB-44	JB-42	17.5000	17.0500	21.3810	21.3752	Circular
Link140	JB-42	JB-43	17.0500	16.9000	21.3752	21.3718	Circular
Link141	JB-43	CI-41	16.9000	15.7600	21.3718	21.3617	Circular
Link142	OS #113	Node137	21.0000	20.0000	21.6620	21.3626	Circular
XS #7b	Node137	25	17.4000	17.2000	21.3626	20.6368	Natural
L-33	CB-114	N-33A	22.0000	21.0000	23.0453	21.9039	Circular
L-33A	N-33A	N-33B	21.0000	19.6000	21.9039	21.5356	Circular
L-33B	N-33B	N-33C	19.6000	19.1700	21.5356	21.4916	Circular
L-33C	N-33C	N-33D	19.1700	18.5300	21.4916	21.4711	Trapezoid
L-33D	N-33D	N-33E	18.5300	18.2500	21.4711	21.2196	Circular
L-33E	N-33E	CB-19A	18.2500	18.1900	21.2196	20.5951	Circular
Link258	CB #120	JB #14	25.7000	20.9500	27.0582	22.1254	Circular
Link259	JB #13	JB #12	18.9000	18.5000	21.7036	21.4651	Circular
Link262	CI-73	CI-71	20.3100	18.0000	21.6808	21.6823	Circular
Link263	OS #5	JB #14	19.0000	18.9800	21.8501	21.8376	Circular
Link264	CI #19-D	CI #19-C	20.9900	20.7000	21.4573	21.0395	Circular
Link266	CI-64	JB #62	20.7100	20.2400	21.7644	21.2020	Circular
Link267	JB #62	CB-04	15.5800	15.5100	20.4655	20.4221	Circular
Link268	CI #19-C	Pond 2	20.7000	16.0000	21.0395	20.6132	Circular
Link270	CI #66-A	JB #65	20.5700	20.2600	21.3815	20.7233	Circular
Link271	JB #65	Pond 2	20.2600	16.0000	20.7233	20.6132	Circular
Link272	JB #11	JB #10	18.1100	17.8900	21.2668	21.1414	Circular
Link273	JB #10	CB-09	17.8900	17.5400	21.1414	20.9969	Circular
Link274	CB #126	CB #125	23.7000	22.8300	24.1198	23.2172	Circular
Link275	CB #125	Pond 3	22.7300	17.0000	23.2159	21.6649	Circular
Link276	CB #122	JB #121	19.7000	19.1200	20.6151	20.6159	Circular
Link277	JB #121	Pond 2	19.1200	16.1000	20.6159	20.6132	Circular
Link278	JB #113-B	JB #123	16.5500	16.1300	22.3430	22.3403	Circular
Link279	OS #117	CI-86	18.0000	17.5800	22.3292	22.3291	Circular
Link280	CB #115	Pond 8	19.5500	19.0000	22.9122	22.9122	Circular
Link281	CI #54-C	CI #54-B	21.0100	20.7200	21.5140	21.3431	Circular
Link282	CI #54-B	JB #50-B	20.7200	19.5600	21.3431	21.3583	Circular
Link283	JB #50-B	JB-50	17.5600	16.9500	21.3583	21.3102	Circular
Link284	CB 19B	CB-19A	18.4000	18.1900	20.6409	20.5951	Circular
Link285	Node43D	CB-49	24.0000	22.0000	24.5083	22.4684	Circular
Link286	Node43C	Node43D	24.2000	24.0000	24.6827	24.5083	Circular
Link287	Node274	Node275	19.4500	19.3300	22.4943	22.3675	Circular
Link288	Node275	CB-40	19.3300	19.0000	22.3675	22.1120	Circular
Link289	Node276	Node277	20.8200	20.7200	22.1036	22.0992	Circular
Link290	Node277	CB-34	20.7200	20.3200	22.0992	22.0134	Circular
Spanish1	4	2	18.5300	18.4100	25.0307	22.6128	Circular
IndianDr1	15	17	18.2000	18.1000	24.7993	22.5940	Circular
2@42" RCP	21	23	17.9000	17.5000	21.9093	21.6256	Circular
2@24"	68	64	20.9600	20.4100	24.8583	24.8510	Circular
Seaweed.1	53B	53A	20.9206	20.9044	25.6254	25.6369	Circular
Screen.1	New Pond	32	15.5000	15.4900	20.0019	19.6293	Circ Orif

```

*=====
| Table E20 - Junction Flooding and Volume Listing. |
| The maximum volume is the total volume |
| in the node including the volume in the |
| flooded storage area. This is the max |
| volume at any time. The volume in the |
| flooded storage area is the total volume |
| above the ground elevation, where the |
| flooded pond storage area starts. |
| The fourth column is instantaneous, the fifth is the |
| sum of the flooded volume over the entire simulation |
| Units are either ft^3 or m^3 depending on the units. |
*=====

```

Junction Name	Surcharged Time (min)	Flooded Time(min)	Out of 1D-System (Flooded Volume)	Maximum Volume	Passed to 2D cell OR Volume Stored in allowed Flood Pond of 1D-System
2	0.0000	0.0000	0.0000	2007347.763	0.0000
4	135.0500	0.0000	0.0000	81.6877	0.0000
8	95.2667	0.0000	0.0000	81.9924	0.0000
15	101.2333	0.0000	0.0000	82.9273	0.0000
17	0.0000	0.0000	0.0000	56.4718	0.0000
19	0.0000	0.0000	0.0000	51.1542	0.0000
25	0.0000	0.0000	0.0000	43.1863	0.0000
New Pond	0.0000	0.0000	0.0000	115181.4656	0.0000
32	0.0000	0.0000	0.0000	52.0146	0.0000
34	0.0000	0.0000	0.0000	65.3903	0.0000
36	0.0000	0.0000	0.0000	47.5743	0.0000
38	0.0000	0.0000	0.0000	71.6414	0.0000
41	19.9167	0.0000	0.0000	80.6901	0.0000
45	43.1333	0.0000	0.0000	99.1178	0.0000
48	32.0750	0.0000	0.0000	86.0387	0.0000
52	2956.6667	0.0000	0.0000	1703559.753	0.0000
55	98.5917	98.5917	0.0000	14183.9026	72744.1093
56	88.1083	88.1250	0.0000	26570.4962	48662.6035
63	146.2917	0.0000	0.0000	81.0527	0.0000
64	44.5083	0.0000	0.0000	55.8059	0.0000
68	181.3917	0.0000	0.0000	236864.7610	0.0000
76	2540.7333	0.0000	0.0000	281977.6151	0.0000
78	102.2000	102.2250	0.0000	903.9285	1651.5160
Lk-Elzbth	0.0000	0.0000	0.0000	1339211.362	0.0000
Dgwood Lk	0.0000	0.0000	0.0000	2505612.022	0.0000
44b	0.0000	0.0000	0.0000	22.8717	0.0000
46b	0.0000	0.0000	0.0000	31.7929	0.0000
48b	0.0000	0.0000	0.0000	34.4913	0.0000
50b	0.0000	0.0000	0.0000	30.7777	0.0000
52b	0.0000	0.0000	0.0000	26.6637	0.0000
54b	0.0000	0.0000	0.0000	31.0428	0.0000
56b	0.0000	0.0000	0.0000	31.6033	0.0000
Myrtle Lk	0.0000	0.0000	0.0000	111871.0856	0.0000
60b	0.0000	0.0000	0.0000	43.9397	0.0000
Holly Lk	0.0000	0.0000	0.0000	94252.5308	0.0000
63b	0.0000	0.0000	0.0000	24.4237	0.0000
65b	0.0000	0.0000	0.0000	25.1248	0.0000
69b	0.0000	0.0000	0.0000	43.8553	0.0000
71b	0.0000	0.0000	0.0000	40.3435	0.0000
73b	0.0000	0.0000	0.0000	44.8750	0.0000
38b	159.1167	0.0000	0.0000	57.6735	0.0000
Channel	0.0000	0.0000	0.0000	35.5227	0.0000
1B	0.0000	0.0000	0.0000	24.2701	0.0000
1A	0.0000	0.0000	0.0000	475610.9340	0.0000
53A	0.0000	0.0000	0.0000	675868.5585	0.0000
53B	2476.5333	1186.2667	0.0000	5167.4580	16334.2408
Node214	0.0000	0.0000	0.0000	36974.9145	0.0000
Node215	2355.4167	0.0000	0.0000	82175.3538	0.0000
Ditch	0.0000	0.0000	0.0000	9.5929	0.0000
Node217	0.0000	0.0000	0.0000	11.7822	0.0000
Node219	0.0000	0.0000	0.0000	9.2851	0.0000
Node220	26.2167	0.0000	0.0000	33.5149	0.0000
CB 2	25.9333	0.0000	0.0000	33.3649	0.0000
CB 1	36.0333	0.0000	0.0000	33.3414	0.0000
Node223	0.0000	0.0000	0.0000	6.9536	0.0000
Node224	0.0000	0.0000	0.0000	6.6074	0.0000
Node225	0.0000	0.0000	0.0000	20.7387	0.0000
1	0.0000	0.0000	0.0000	56.1330	0.0000

6	145.4583	0.0000	0.0000	81.6823	0.0000
21	0.0000	0.0000	0.0000	802.2068	0.0000
23	0.0000	0.0000	0.0000	51.8420	0.0000
27	0.0000	0.0000	0.0000	66926.3151	0.0000
CI-73	0.0000	0.0000	0.0000	17.2252	0.0000
CI-72	0.0000	0.0000	0.0000	12.7800	0.0000
Pond 17	0.0000	0.0000	0.0000	10881.1849	0.0000
JB 80	3239.7750	0.0000	0.0000	51.8083	0.0000
CB-76	3238.6542	0.2083	-0.0025	168.6689	24.1944
CI-75	399.9500	0.0000	0.0000	40.0363	0.0000
CI-74	560.2500	0.0000	0.0000	43.6788	0.0000
Pond 3	2785.5917	0.0000	0.0000	133627.4610	0.0000
CI-71	687.1333	0.0000	0.0000	46.2724	0.0000
CI-70	735.3250	0.0000	0.0000	47.1026	0.0000
JB-67	897.5333	0.0000	0.0000	50.5955	0.0000
CI-69	0.0000	0.0000	0.0000	5.8751	0.0000
CI-68	0.0000	0.0000	0.0000	5.5342	0.0000
JB #12	0.0000	0.0000	0.0000	37.2594	0.0000
JB #11	0.0000	0.0000	0.0000	39.6687	0.0000
JB-12	0.0000	0.0000	0.0000	25.8829	0.0000
JB-11	0.0000	0.0000	0.0000	27.6395	0.0000
JB-10	0.0000	0.0000	0.0000	28.1845	0.0000
CB-09	0.0000	0.0000	0.0000	43.4396	0.0000
CB-08	0.0000	0.0000	0.0000	44.7530	0.0000
CB-07	0.0000	0.0000	0.0000	46.0357	0.0000
CB-06	0.0000	0.0000	0.0000	47.9013	0.0000
CI #66-B	0.0000	0.0000	0.0000	9.4527	0.0000
CI #66-A	0.0000	0.0000	0.0000	10.1968	0.0000
Pond 2	0.0000	0.0000	0.0000	73293.5495	0.0000
Pond 7	0.0000	0.0000	0.0000	395897.5818	0.0000
CI-81	1476.3667	0.0000	0.0000	69.3803	0.0000
CI-82	1530.7833	0.0000	0.0000	69.7853	0.0000
Pond 5	2290.0000	0.0000	0.0000	65981.7888	0.0000
JB #14	0.0000	0.0000	0.0000	35.9085	0.0000
CI #119	0.0000	0.0000	0.0000	6.9106	0.0000
CI #118	0.0000	0.0000	0.0000	9.5459	0.0000
CI-84	0.0000	0.0000	0.0000	17.6550	0.0000
CI-83	0.0000	0.0000	0.0000	19.5394	0.0000
CB-16	0.0000	0.0000	0.0000	19.0912	0.0000
JB-15	0.0000	0.0000	0.0000	31.6572	0.0000
CB-05	0.0000	0.0000	0.0000	60.5594	0.0000
CB-04	0.0000	0.0000	0.0000	61.7248	0.0000
CB-03	0.0000	0.0000	0.0000	62.0697	0.0000
JB #02	0.0000	0.0000	0.0000	62.1926	0.0000
CI-64	0.0000	0.0000	0.0000	13.2501	0.0000
CI-63	0.0000	0.0000	0.0000	10.7870	0.0000
CB-19A	0.0000	0.0000	0.0000	36.5054	0.0000
JB-18	0.0000	0.0000	0.0000	36.4653	0.0000
JB-17	0.0000	0.0000	0.0000	36.7270	0.0000
CB-01	0.0000	0.0000	0.0000	64.9767	0.0000
CB-00	0.0000	0.0000	0.0000	71.3457	0.0000
CI-60	3239.7667	0.0000	0.0000	60.1357	0.0000
CI-59	3239.8750	0.0000	0.0000	62.0178	0.0000
Pond 1-A	0.0000	0.0000	0.0000	506065.3995	0.0000
JB-24	0.0000	0.0000	0.0000	30.9705	0.0000
CI-23	0.0000	0.0000	0.0000	30.7048	0.0000
CI-22	0.0000	0.0000	0.0000	30.5932	0.0000
JB-21	0.0000	0.0000	0.0000	31.4542	0.0000
Pond 14	0.0000	0.0000	0.0000	94788.3873	0.0000
CB 19B	228.3083	0.0000	0.0000	28.1590	0.0000
CB-58	950.6833	0.0000	0.0000	38.8449	0.0000
CI-57	2630.8736	0.0000	0.0000	45.6043	0.0000
CI-56	2750.6972	0.0000	0.0000	47.4589	0.0000
JB-55	3238.0750	0.0000	0.0000	48.5469	0.0000
CB-114	0.0000	0.0000	0.0000	13.1350	0.0000
CB #116	50.4417	0.0000	0.0000	26.5438	0.0000
CB #115	1729.9062	0.0000	0.0000	42.2499	0.0000
Pond 8	3240.0000	0.0000	0.0000	98372.7134	0.0000
Pond 10	3237.5669	2.4473	0.0110	1230.3885	315.1047
JB-87	3239.5667	0.1167	0.0000	268.7310	73.5761
Pond 9-A	1023.7583	0.0000	0.0000	444918.0283	0.0000
JB #123	2634.8722	0.0000	0.0000	78.0392	0.0000
Pond 9-B	630.6667	0.0000	0.0000	145067.2191	0.0000
Pond 9-C	1293.4333	0.0000	0.0000	263370.1107	0.0000
CI-89	0.0000	0.0000	0.0000	6.9945	0.0000
CI-88	0.0000	0.0000	0.0000	10.6381	0.0000
CI-86	1636.2833	0.0000	0.0000	59.6776	0.0000

CI-85	1929.4583	0.0000	0.0000	63.3205	0.0000
CB-94	829.4500	0.0000	0.0000	26.9717	0.0000
CB-93	888.2333	0.0000	0.0000	28.1026	0.0000
CI-92	1205.3083	0.0000	0.0000	40.4163	0.0000
CI-91	1313.7000	0.0000	0.0000	42.3010	0.0000
JB-90	1420.9917	0.0000	0.0000	47.1509	0.0000
CB-49	0.0000	0.0000	0.0000	16.1840	0.0000
CB-48	0.0000	0.0000	0.0000	19.5686	0.0000
CI-47	107.2167	0.0000	0.0000	26.0700	0.0000
CI-46	193.4917	0.0000	0.0000	27.9258	0.0000
CB #54-A	0.0000	0.0000	0.0000	20.3668	0.0000
CB-53	0.0000	0.0000	0.0000	26.6073	0.0000
JB-52	0.0000	0.0000	0.0000	33.8256	0.0000
CI-51A	0.2750	0.0000	0.0000	43.8060	0.0000
JB-50	771.0667	0.0000	0.0000	54.7905	0.0000
CI-51B	0.0000	0.0000	0.0000	5.8601	0.0000
CI-45	0.0000	0.0000	0.0000	3.0196	0.0000
CI-41	3239.3750	0.0000	0.0000	70.3909	0.0000
Pond 1-B	747.8583	0.0000	0.0000	175264.1152	0.0000
CB-40	263.5583	0.0000	0.0000	39.1051	0.0000
CB-39	281.5500	0.0000	0.0000	37.5311	0.0000
CI-38	487.0167	0.0000	0.0000	39.1396	0.0000
CI-37	558.3917	0.0000	0.0000	45.3104	0.0000
CB-34	0.0000	0.0000	0.0000	21.2793	0.0000
CB-33	0.0000	0.0000	0.0000	24.3230	0.0000
CB-32	23.0917	0.0000	0.0000	26.8788	0.0000
CI-31	407.0667	0.0000	0.0000	37.9874	0.0000
CI-30	471.9833	0.0000	0.0000	38.6524	0.0000
JB-29	2690.0375	0.0000	0.0000	54.7078	0.0000
CI-35	0.0000	0.0000	0.0000	4.6080	0.0000
CI-36	0.0000	0.0000	0.0000	4.8315	0.0000
CB-28	0.0000	0.0000	0.0000	9.9716	0.0000
CI-27	0.0000	0.0000	0.0000	16.3220	0.0000
CI-26	0.0000	0.0000	0.0000	16.6396	0.0000
JB-25	0.0000	0.0000	0.0000	14.3123	0.0000
CB-104	1945.8750	0.0000	0.0000	77.4339	0.0000
CI-103	2529.7917	0.0000	0.0000	83.4609	0.0000
CI-102	2531.8500	0.0000	0.0000	81.9075	0.0000
JB-101	2532.9833	0.0000	0.0000	76.5563	0.0000
JB-100	2561.2500	0.0000	0.0000	69.8133	0.0000
JB-99	2613.9500	0.0000	0.0000	70.2239	0.0000
Pond 11	628.9750	0.0000	0.0000	246909.7215	0.0000
CB-98	0.0000	0.0000	0.0000	18.1988	0.0000
CI-97	685.3917	0.0000	0.0000	24.2291	0.0000
CI-96	783.8667	0.0000	0.0000	26.1122	0.0000
JB-95	856.6583	0.0000	0.0000	27.4910	0.0000
Pond 12	0.0000	0.0000	0.0000	80042.2039	0.0000
JB-109	0.0000	0.0000	0.0000	13.9285	0.0000
CB-108	0.0000	0.0000	0.0000	18.6511	0.0000
CI-107	0.0000	0.0000	0.0000	24.6013	0.0000
CI-106	8.8750	0.0000	0.0000	25.2710	0.0000
JB-105	56.8000	0.0000	0.0000	29.1362	0.0000
Pond 15	0.0000	0.0000	0.0000	35243.8984	0.0000
Pond 13	0.0000	0.0000	0.0000	141957.1568	0.0000
Node137	0.0000	0.0000	0.0000	49.7937	0.0000
CB-112	522.3119	0.0000	0.0000	42.4592	0.0000
CB-111	3238.9265	0.0000	0.0000	51.0186	0.0000
CB-110	3239.7583	0.0000	0.0000	56.0863	0.0000
OS 13	0.0000	0.0000	0.0000	25.4752	0.0000
OS 20	0.0000	0.0000	0.0000	48.5167	0.0000
CB-44	1184.9889	0.0000	0.0000	48.7685	0.0000
JB-42	2703.6890	0.0000	0.0000	54.3504	0.0000
JB-43	3233.2394	0.0000	0.0000	56.1932	0.0000
OS #113	0.0000	0.0000	0.0000	8.3187	0.0000
N-33A	0.0000	0.0000	0.0000	11.3583	0.0000
N-33B	0.0000	0.0000	0.0000	24.3223	0.0000
N-33C	0.0000	0.0000	0.0000	29.1738	0.0000
N-33D	0.0000	0.0000	0.0000	36.9579	0.0000
N-33E	59.0583	0.0000	0.0000	37.3159	0.0000
CB #120	0.0000	0.0000	0.0000	17.0673	0.0000
OS #5	0.0000	0.0000	0.0000	60.9463	0.0000
JB #13	0.0000	0.0000	0.0000	35.2300	0.0000
CI #19-D	0.0000	0.0000	0.0000	5.8716	0.0000
CI #19-C	0.0000	0.0000	0.0000	4.2661	0.0000
JB #62	0.0000	0.0000	0.0000	61.3916	0.0000
JB #65	0.0000	0.0000	0.0000	5.8216	0.0000
JB #10	0.0000	0.0000	0.0000	40.8575	0.0000

CB #126	0.0000	0.0000	0.0000	5.2756	0.0000
CB #125	0.0000	0.0000	0.0000	6.1060	0.0000
CB #122	0.0000	0.0000	0.0000	11.4987	0.0000
JB #121	0.0000	0.0000	0.0000	18.7970	0.0000
JB #113-B	2528.5222	0.0000	0.0000	72.7954	0.0000
OS #117	1294.3083	0.0000	0.0000	66.9670	0.0000
CI #54-C	0.0000	0.0000	0.0000	6.3336	0.0000
CI #54-B	0.0000	0.0000	0.0000	7.8300	0.0000
JB #50-B	188.8417	0.0000	0.0000	47.7296	0.0000
Node43D	0.0000	0.0000	0.0000	6.3874	0.0000
Node43C	0.0000	0.0000	0.0000	6.0655	0.0000
Node274	284.5917	0.0000	0.0000	38.2551	0.0000
Node275	112.1750	0.0000	0.0000	38.1689	0.0000
Node276	0.0000	0.0000	0.0000	16.1293	0.0000
Node277	0.0000	0.0000	0.0000	17.3311	0.0000

Table E22. Numerical Model judgement section #
#####

Overall error was (minimum of Table E18 & E21) 0.5671 percent
Worst nodal error was in node 52 with 4.7585 percent
Of the total inflow this loss was 0.6847 percent
Your overall continuity error was Excellent

Efficiency of the simulation Excellent Efficiency
1.30
Most Number of Non Convergences at one Node 58.
Total Number Non Convergences at all Nodes 104.
Total Number of Nodes with Non Convergences 7.

====> Hydraulic model simulation ended normally.

====> XP-SWMM Simulation ended normally.

====> Your input file was named : Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Final\LPA WS Data_Total-10Yr.DAT

====> Your output file was named : Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Final\LPA WS Data_Total-10Yr.out

```

*=====
|           SWMM Simulation Date and Time Summary           |
*=====
| Starting Date... July      22, 2008  Time...  16: 6:56:30  |
| Ending Date...  July      22, 2008  Time...  16:31:53:70  |
| Elapsed Time...  24.95667 minutes or  1497.40000 seconds  |
*=====

```

Caropines Deerfield (Existing Condition Model – July 2008) – With New Proposed Development – “Old South Course Phases 1A and 1B” - Emulating Proposed Storm Drainage System w/ Ponds.

25-Year Return Period Storm (25 Yr – 24 Hour Precipitation = 7.6 inches)

Current Directory: C:\XPS-VE~1.6
Engine Name: C:\XPS-VE~1.6\SWMMEN~1.EXE
Input File : -SWMM\Proposed\Old S Course Proj\Detail\LPA WS Data_Total-25Yr.XP

```
*=====*
```

xpswmm
Storm and Wastewater Management Model
Interface Version: 10.61
Engine Version: 10.6.1.0

```
=====*
```

Developed by

XP Software

```
=====*
```

XP Software	April, 2008
Data File Version --->	12.0
Serial Number: 42-1060-2154	
The LPA Group	

```
=====*
```

Engine Name: C:\XPS-VE~1.6\SWMMEN~1.EXE

```
*=====*
```

Input and Output file names by Layer

```
=====*
```

Input File to Layer #	1 JIN.US
Output File to Layer #	1 Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Final\10 Year.xp
Input File to Layer #	2 Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Final\10 Year.xp
Output File to Layer #	2 JOT.US

 | Table E1 - Conduit Data |

Inp Num	Conduit Name	Length (ft)	Conduit Class	Area (ft^2)	Manning Coef.	Max Width (ft)	Depth (ft)	Trapezoid Side Slopes
1	XS #1A	275.0000	Natural	100.6721	0.0350	50.0000	4.9100	
2	XS #2	431.0000	Natural	89.7060	0.0300	46.3900	4.9500	
3	XS #3	191.0000	Natural	81.1062	0.0300	45.0300	4.9300	
4	XS #4	130.0000	Natural	99.8750	0.0300	57.7600	5.6200	
5	XS #5	1089.0000	Natural	130.1118	0.0300	44.4000	7.2000	
6	XS #6	586.0000	Natural	161.1250	0.0300	60.6000	6.3400	
7	XS #7a	580.0000	Natural	181.5410	0.0300	41.0700	9.1100	
8	XS #8	761.0000	Natural	172.3457	0.0300	51.3000	8.7700	
9	XS #9	75.0000	Natural	124.1935	0.0300	37.8100	6.9000	
10	XS #10	550.0000	Circular	19.6350	0.0130	5.0000	5.0000	
11	STUB	4.0000	Circular	28.2743	0.0130	6.0000	6.0000	
12	FRONTAGE	50.0000	Circular	28.2743	0.0130	6.0000	6.0000	
13	HWY 17 S	60.0000	Circular	28.2743	0.0130	6.0000	6.0000	
14	HWY 17 N	68.0000	Circular	28.2743	0.0130	6.0000	6.0000	
15	PARKINGLOT	68.0000	Circular	28.2743	0.0130	6.0000	6.0000	
16	TO LAKE	172.0000	Circular	28.2743	0.0130	6.0000	6.0000	
17	61	350.0000	Natural	49.5000	0.0300	50.0000	3.5000	
18	62	1300.0000	Natural	49.2000	0.0350	50.0000	3.3000	
19	XS #3a	66.0000	Natural	87.0000	0.0300	67.0000	4.9000	
20	XS MALLARD	158.0000	Natural	40.3050	0.0300	25.0000	4.2000	
21	80	150.0000	Natural	18.0000	0.0300	39.0000	2.5000	
22	8x4 Box	68.0000	Rectangle	32.0000	0.0130	8.0000	4.0000	
23	Clvt 10	42.0000	Rectangle	40.5000	0.0150	13.5000	3.0000	
24	Palmt0 Lk	700.0000	Natural	172.0000	0.0500	56.0000	4.5000	
25	Clvt 7	41.0000	Circular	12.5664	0.0130	4.0000	4.0000	
26	Chan A	270.0000	Natural	54.5525	0.0500	23.9500	4.9000	
27	Clvt 6	41.0000	Circular	12.5664	0.0130	4.0000	4.0000	
28	Chan B	210.0000	Natural	58.3500	0.0500	20.0000	5.3000	
29	Clvt 5	42.0000	Circular	12.5664	0.0130	4.0000	4.0000	
30	Chan C	400.0000	Natural	43.5000	0.0500	28.0000	4.0000	
31	Chan D	150.0000	Trapezoid	81.2500	0.0350	25.0000	3.2500	0.0000
0.0000								
32	Oak Clvt	35.0000	Rectangle	24.0000	0.0130	8.0000	3.0000	
33	Chan E	150.0000	Trapezoid	106.1900	0.0300	25.0000	3.7000	1.0000
1.0000								
34	Clvt2 Out	40.0000	Rectangle	32.0000	0.0130	8.0000	4.0000	
35	Clvt1 Out	42.0000	Rectangle	28.0000	0.0130	7.0000	4.0000	
36	Lined Ch	75.0000	Natural	92.2250	0.0250	33.6000	4.3600	
37	XS #1B	275.0000	Natural	100.6721	0.0350	50.0000	4.9100	
38	ToLake	534.4790	Natural	52.6000	0.0300	50.0000	3.4000	
39	Link224	83.8200	Circular	4.9087	0.0270	2.5000	2.5000	
40	Link225	65.1595	Circular	7.0686	0.0110	3.0000	3.0000	
41	18"RCP	9.0000	Circular	1.7671	0.0120	1.5000	1.5000	
42	36"Stub	8.0000	Circular	7.0686	0.0120	3.0000	3.0000	
43	18"RCP2	15.0000	Circular	1.7671	0.0120	1.5000	1.5000	
44	18"RCP1	15.0000	Circular	1.7671	0.0120	1.5000	1.5000	
45	12"RCP1	15.0000	Circular	0.7854	0.0120	1.0000	1.0000	
46	12"RCP2	15.0000	Circular	0.7854	0.0120	1.0000	1.0000	
47	24"RCP 1	25.0000	Circular	3.1416	0.0120	2.0000	2.0000	
48	24" RCP 2	20.0000	Circular	3.1416	0.0120	2.0000	2.0000	
49	48" RCP	72.0000	Circular	12.5664	0.0120	4.0000	4.0000	
50	Link3	52.0000	Circular	3.1416	0.0130	2.0000	2.0000	
51	Link4	17.0000	Circular	3.1416	0.0130	2.0000	2.0000	
52	Link5	25.0000	Circular	3.1416	0.0130	2.0000	2.0000	
53	Link6	126.0000	Circular	3.1416	0.0130	2.0000	2.0000	
54	Link8	29.0000	Circular	3.1416	0.0130	2.0000	2.0000	
55	Link9	132.0000	Circular	3.1416	0.0130	2.0000	2.0000	
56	Link10	29.0000	Circular	3.1416	0.0130	2.0000	2.0000	
57	Link11	110.0000	Circular	3.1416	0.0130	2.0000	2.0000	
58	Link12	63.0000	Circular	3.1416	0.0130	2.0000	2.0000	
59	Link13	29.0000	Circular	1.7671	0.0130	1.5000	1.5000	
60	Link14	118.0000	Circular	1.7671	0.0130	1.5000	1.5000	
61	Link15	390.0000	Circular	19.6350	0.0130	5.0000	5.0000	
62	Link18	144.0000	Circular	12.5664	0.0130	4.0000	4.0000	
63	Link19	51.0000	Circular	12.5664	0.0130	4.0000	4.0000	
64	Link20	89.0000	Circular	12.5664	0.0130	4.0000	4.0000	
65	Link21	248.0000	Circular	19.6350	0.0130	5.0000	5.0000	
66	Link22	248.0000	Circular	19.6350	0.0130	5.0000	5.0000	
67	Link23	248.0000	Circular	19.6350	0.0130	5.0000	5.0000	

68	Link24	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
69	Link27	165.0000	Circular	12.5664	0.0130	4.0000	4.0000
70	Link28	50.0000	Circular	12.5664	0.0130	4.0000	4.0000
71	Link29	29.0000	Circular	12.5664	0.0130	4.0000	4.0000
72	Link30	42.0000	Circular	12.5664	0.0130	4.0000	4.0000
73	Link32	89.0000	Circular	19.6350	0.0130	5.0000	5.0000
74	Link33	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
75	Link34	42.0000	Circular	3.1416	0.0130	2.0000	2.0000
76	Link35	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
77	Link36	126.0000	Circular	3.1416	0.0130	2.0000	2.0000
78	Link37	18.0000	Circular	7.0686	0.0130	3.0000	3.0000
79	Link38	239.0000	Circular	7.0686	0.0130	3.0000	3.0000
80	Link39	259.0000	Circular	28.2743	0.0130	6.0000	6.0000
81	Link40	133.0000	Circular	28.2743	0.0130	6.0000	6.0000
82	Link41	123.0000	Circular	28.2743	0.0130	6.0000	6.0000
83	Link42	186.0000	Circular	19.6350	0.0130	5.0000	5.0000
84	Link43	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
85	Link46	98.0000	Circular	12.5664	0.0130	4.0000	4.0000
86	Link47	33.0000	Circular	12.5664	0.0130	4.0000	4.0000
87	Link48	234.0000	Circular	12.5664	0.0130	4.0000	4.0000
88	Link49	130.0000	Circular	28.2743	0.0130	6.0000	6.0000
89	Link50	58.0000	Circular	28.2743	0.0130	6.0000	6.0000
90	Link51	147.0000	Circular	28.2743	0.0130	6.0000	6.0000
91	Link52	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
92	Link53	53.0000	Circular	1.7671	0.0130	1.5000	1.5000
93	Link54	125.0000	Circular	7.0686	0.0130	3.0000	3.0000
94	Link55	19.0000	Circular	7.0686	0.0130	3.0000	3.0000
95	Link56	29.0000	Circular	7.0686	0.0130	3.0000	3.0000
96	Link57	62.0000	Circular	7.0686	0.0130	3.0000	3.0000
97	Link58	41.0000	Circular	7.0686	0.0130	3.0000	3.0000
98	Link60	108.0000	Circular	1.7671	0.0130	1.5000	1.5000
99	Link61	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
100	Link62	18.0000	Circular	1.7671	0.0130	1.5000	1.5000
101	Link63	119.0000	Circular	1.7671	0.0130	1.5000	1.5000
102	Link65	250.0000	Circular	3.1416	0.0130	2.0000	2.0000
103	Link67	280.0000	Circular	7.0686	0.0130	3.0000	3.0000
104	Link68	51.0000	Circular	7.0686	0.0130	3.0000	3.0000
105	Link69	132.0000	Circular	7.0686	0.0130	3.0000	3.0000
106	Link70	49.0000	Circular	7.0686	0.0130	3.0000	3.0000
107	Link71	132.0000	Circular	7.0686	0.0130	3.0000	3.0000
108	Link72	107.0000	Circular	7.0686	0.0130	3.0000	3.0000
109	Link73	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
110	Link74	131.0000	Circular	1.7671	0.0130	1.5000	1.5000
111	Link75	29.0000	Circular	7.0686	0.0130	3.0000	3.0000
112	Link76	43.0000	Circular	7.0686	0.0130	3.0000	3.0000
113	Link77	18.0000	Circular	1.7671	0.0130	1.5000	1.5000
114	Link78	97.0000	Circular	1.7671	0.0130	1.5000	1.5000
115	Link79	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
116	Link80	44.0000	Circular	3.1416	0.0130	2.0000	2.0000
117	Link81	119.0000	Circular	3.1416	0.0130	2.0000	2.0000
118	Link82	54.0000	Circular	3.1416	0.0130	2.0000	2.0000
119	Link83	105.0000	Circular	3.1416	0.0130	2.0000	2.0000
120	Link84	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
121	Link85	133.0000	Circular	3.1416	0.0130	2.0000	2.0000
122	Link86	52.0000	Circular	7.0686	0.0130	3.0000	3.0000
123	Link87	108.0000	Circular	7.0686	0.0130	3.0000	3.0000
124	Link88	154.0000	Circular	7.0686	0.0130	3.0000	3.0000
125	Link89	105.0000	Circular	7.0686	0.0130	3.0000	3.0000
126	Link91	41.0000	Circular	7.0686	0.0130	3.0000	3.0000
127	Link92	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
128	Link95	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
129	Link96	131.0000	Circular	3.1416	0.0130	2.0000	2.0000
130	Link97	9.0000	Circular	3.1416	0.0130	2.0000	2.0000
131	Link98	102.0000	Circular	3.1416	0.0130	2.0000	2.0000
132	Link99	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
133	Link100	131.0000	Circular	4.9087	0.0130	2.5000	2.5000
134	Link101	65.0000	Circular	3.1416	0.0130	2.0000	2.0000
135	Link102	61.0000	Circular	3.1416	0.0130	2.0000	2.0000
136	Link103	114.0000	Circular	3.1416	0.0130	2.0000	2.0000
137	Link104	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
138	Link105	83.0000	Circular	3.1416	0.0130	2.0000	2.0000
139	Link106	45.0000	Circular	3.1416	0.0130	2.0000	2.0000
140	Link107	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
141	Link108	204.0000	Circular	1.7671	0.0130	1.5000	1.5000
142	Link109	104.0000	Circular	1.7671	0.0130	1.5000	1.5000
143	Link110	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
144	Link111	22.0000	Circular	1.7671	0.0130	1.5000	1.5000

145	Link112	119.0000	Circular	1.7671	0.0130	1.5000	1.5000	
146	Link113	106.0000	Circular	3.1416	0.0130	2.0000	2.0000	
147	Link114	29.0000	Circular	3.1416	0.0130	2.0000	2.0000	
148	Link115	19.0000	Circular	3.1416	0.0130	2.0000	2.0000	
149	Link116	103.0000	Circular	3.1416	0.0130	2.0000	2.0000	
150	Link117	51.0000	Circular	3.1416	0.0130	2.0000	2.0000	
151	Link118	223.0000	Circular	3.1416	0.0130	2.0000	2.0000	
152	Link119	97.0000	Circular	1.7671	0.0130	1.5000	1.5000	
153	Link120	29.0000	Circular	1.7671	0.0130	1.5000	1.5000	
154	Link121	23.0000	Circular	1.7671	0.0130	1.5000	1.5000	
155	Link122	119.0000	Circular	1.7671	0.0130	1.5000	1.5000	
156	Link123	75.0000	Circular	7.0686	0.0130	3.0000	3.0000	
157	Link124	12.0000	Circular	3.1416	0.0130	2.0000	2.0000	
158	Link125	137.0000	Circular	3.1416	0.0130	2.0000	2.0000	
159	Link126	131.0000	Circular	3.1416	0.0130	2.0000	2.0000	
160	Link127	29.0000	Circular	3.1416	0.0130	2.0000	2.0000	
161	Link128	95.0000	Circular	3.1416	0.0130	2.0000	2.0000	
162	Link129	57.0000	Circular	3.1416	0.0130	2.0000	2.0000	
163	Link130	85.0000	Circular	3.1416	0.0130	2.0000	2.0000	
164	Link132	138.0000	Circular	3.1416	0.0130	2.0000	2.0000	
165	Link133	82.0000	Circular	3.1416	0.0130	2.0000	2.0000	
166	Link134	41.0000	Circular	3.1416	0.0130	2.0000	2.0000	
167	Link135	153.0000	Circular	7.0686	0.0130	3.0000	3.0000	
168	Link136	31.0000	Circular	12.5664	0.0130	4.0000	4.0000	
169	Link137	41.0000	Circular	19.6350	0.0130	5.0000	5.0000	
170	Link139	91.0000	Circular	3.1416	0.0130	2.0000	2.0000	
171	Link140	29.0000	Circular	3.1416	0.0130	2.0000	2.0000	
172	Link141	229.0000	Circular	3.1416	0.0130	2.0000	2.0000	
173	Link142	64.0000	Circular	3.1416	0.0130	2.0000	2.0000	
174	XS #7b	1100.0000	Natural	181.5410	0.0300	41.0700	9.1100	
175	L-33	129.0000	Circular	4.9087	0.0130	2.5000	2.5000	
176	L-33A	54.0000	Circular	4.9087	0.0130	2.5000	2.5000	
177	L-33B	76.0000	Circular	4.9087	0.0130	2.5000	2.5000	
178	L-33C	351.0000	Trapezoid	60.0000	0.0350	5.0000	3.0000	5.0000
5.0000								
179	L-33D	64.0000	Circular	4.9087	0.0130	2.5000	2.5000	
180	L-33E	209.0000	Circular	4.9087	0.0130	2.5000	2.5000	
181	Link258	204.0000	Circular	3.1416	0.0130	2.0000	2.0000	
182	Link259	400.0000	Circular	19.6350	0.0130	5.0000	5.0000	
183	Link262	65.0000	Circular	3.1416	0.0130	2.0000	2.0000	
184	Link263	30.0000	Circular	19.6350	0.0130	5.0000	5.0000	
185	Link264	29.0000	Circular	1.7671	0.0130	1.5000	1.5000	
186	Link266	100.0000	Circular	1.7671	0.0130	1.5000	1.5000	
187	Link267	140.0000	Circular	28.2743	0.0130	6.0000	6.0000	
188	Link268	41.0000	Circular	1.7671	0.0130	1.5000	1.5000	
189	Link270	62.0000	Circular	1.7671	0.0130	1.5000	1.5000	
190	Link271	52.0000	Circular	1.7671	0.0130	1.5000	1.5000	
191	Link272	212.0000	Circular	19.6350	0.0130	5.0000	5.0000	
192	Link273	352.0000	Circular	19.6350	0.0130	5.0000	5.0000	
193	Link274	87.0000	Circular	1.7671	0.0130	1.5000	1.5000	
194	Link275	261.0000	Circular	1.7671	0.0130	1.5000	1.5000	
195	Link276	225.0000	Circular	1.7671	0.0130	1.5000	1.5000	
196	Link277	58.0000	Circular	1.7671	0.0140	1.5000	1.5000	
197	Link278	105.0000	Circular	7.0686	0.0130	3.0000	3.0000	
198	Link279	42.0000	Circular	7.0686	0.0130	3.0000	3.0000	
199	Link280	22.0000	Circular	3.1416	0.0140	2.0000	2.0000	
200	Link281	29.0000	Circular	1.7671	0.0130	1.5000	1.5000	
201	Link282	111.0000	Circular	1.7671	0.0130	1.5000	1.5000	
202	Link283	61.0000	Circular	7.0686	0.0130	3.0000	3.0000	
203	Link284	209.0000	Circular	1.7671	0.0130	1.5000	1.5000	
204	Link285	115.0000	Circular	1.7671	0.0130	1.5000	1.5000	
205	Link286	52.0000	Circular	1.7671	0.0130	1.5000	1.5000	
206	Link287	40.0000	Circular	1.7671	0.0140	1.5000	1.5000	
207	Link288	110.0000	Circular	3.1416	0.0140	2.0000	2.0000	
208	Link289	40.0000	Circular	1.7671	0.0140	1.5000	1.5000	
209	Link290	160.0000	Circular	3.1416	0.0140	2.0000	2.0000	
210	Spanish1	45.0000	Circular	4.9087	0.0120	2.5000	2.5000	
211	IndianDr1	42.0000	Circular	7.0686	0.0130	3.0000	3.0000	
212	2@42" RCP	64.0000	Circular	9.6211	0.0130	3.5000	3.5000	
213	2@24"	40.0000	Circular	3.1416	0.0130	2.0000	2.0000	
214	Seaweed.1	48.4149	Circular	4.9087	0.0120	2.5000	2.5000	
Total length of all conduits				27309.8734	feet			

=====

| Table E15 - SPREADSHEET INFO LIST |

| Conduit Flow and Junction Depth Information for use in |

| spreadsheets. The maximum values in this table are the |

| true maximum values because they sample every time step. |

| The values in the review results may only be the |

| maximum of a subset of all the time steps in the run. |

| Note: These flows are only the flows in a single barrel. |

=====

Conduit Name	Maximum Flow (cfs)	Total Flow (ft^3)	Maximum Velocity (ft/s)	Maximum Volume (ft^3)	## ## ##	Junction Name	Invert Elevation (ft)	Maximum Elevation (ft)
XS #1A	118.4746	3256832.335	3.1675	36460.7691	##	2	18.4100	23.0723
XS #2	119.5596	5720508.510	1.3328	38184.6683	##	4	18.5300	25.8591
XS #3	116.0573	5720468.611	1.4309	17004.0144	##	8	18.3000	25.5747
XS #4	105.1705	6628113.162	1.2334	12711.8395	##	15	18.2000	25.5444
XS #5	101.6456	6620221.358	1.9184	63168.2493	##	17	18.1000	22.9570
XS #6	99.5645	6610617.317	1.3514	46320.0334	##	19	18.0000	22.4326
XS #7a	99.0204	6602614.820	1.8404	31263.9698	##	25	17.2000	21.0689
XS #8	106.9294	6800715.540	2.2470	43659.3886	##	New Pond	10.0000	20.5839
XS #9	-180.3432	-11008966.0	-2.7629	5314.9938	##	32	15.4900	20.2113
XS #10	90.6928	10986493.14	5.3662	21279.5453	##	34	14.3200	20.1105
STUB	303.4767	13453029.38	15.3020	92.8631	##	36	14.3200	18.8882
FRONTAGE	363.5707	13740796.57	21.2062	1334.1610	##	38	11.9200	18.5262
HWY 17 S	370.7717	13853428.03	13.1136	1778.0528	##	41	10.9400	18.1695
HWY 17 N	379.1403	13986089.66	12.8534	2011.9966	##	45	9.1200	17.5830
PARKINGLOT	-423.6084	-14488509.1	-14.8779	2015.5647	##	48	9.6000	16.9076
TO LAKE	-423.4870	-14487362.4	-14.9547	5098.1929	##	52	22.6000	26.2836
61	149.1515	1209354.100	3.0132	17297.9522	##	55	22.1000	27.3699
62	94.5834	1197470.479	2.1566	63950.5511	##	56	22.5000	28.2879
XS #3a	110.2635	6629068.473	1.2704	5613.4473	##	63	18.4000	25.6046
XS MALLARD	68.1899	908565.4771	4.9300	6181.4516	##	64	20.4100	25.6046
80	-45.5593	-394267.489	-2.5311	2693.3684	##	68	20.9600	25.5988
8x4 Box	377.3587	15577611.33	11.7895	2176.3032	##	76	19.0000	22.7274
Clvt 10	-87.2612	-2645982.75	-3.6824	1325.4272	##	78	21.5000	24.3784
Palmt0 Lk	28.2297	2634362.794	0.9704	43233.4811	##	Lk-Elzbth	7.6700	11.6212
Clvt 7	24.1165	2619642.106	2.7033	378.3124	##	Dgwood Lk	3.9500	8.1785
Chan A	24.1152	2618272.718	1.2859	5061.1646	##	44b	6.2300	8.1707
Clvt 6	24.1171	2617139.396	3.3723	293.5265	##	46b	5.4600	8.1128
Chan B	24.1209	2616441.119	1.6975	2982.7508	##	48b	5.1700	8.0307
Clvt 5	24.1307	2616000.165	2.8294	360.9073	##	50b	5.1700	7.7271
Chan C	-24.1559	-2615156.48	-1.3375	7256.7470	##	52b	5.3500	7.5713
Chan D	83.5815	3541774.981	1.9239	7063.5229	##	54b	4.5200	7.0889
Oak Clvt	41.7978	3541824.782	2.6472	1151.1839	##	56b	4.3800	6.9843
Chan E	83.6126	3541838.660	1.5544	8415.8254	##	Myrtle Lk	4.2000	6.2682
Clvt2 Out	91.0617	7363194.555	3.2301	2245.6697	##	60b	2.5700	6.0978
Clvt1 Out	-419.3693	-14169554.3	-14.9648	1177.1056	##	Holly Lk	4.7500	6.4867
Lined Ch	419.3696	14169596.46	6.6480	4729.9449	##	63b	4.3300	6.3647
XS #1B	43.0092	2834899.210	2.4117	6746.8261	##	65b	4.2400	6.3170
ToLake	-55.4356	-2132330.95	1.5298	28067.9557	##	69b	2.5100	6.0000
Link224	-47.3365	-667213.865	-9.5519	418.1217	##	71b	3.4200	6.9091
Link225	148.4453	910998.6805	22.2847	468.0023	##	73b	5.3000	9.5230
18"RCP	41.3142	192718.1155	36.0757	11.7657	##	38b	3.2300	7.9821
36"Stub	20.2810	95142.4997	13.5092	15.1131	##	Channel	3.2600	6.3605

18"RCP2	7.3661	62429.6390	8.1806	26.9601	##	1B	20.9000	23.1797
18"RCP1	6.4473	50230.6761	7.6101	26.9601	##	1A	20.9000	26.1946
12"RCP1	8.2986	64684.2236	16.6488	11.7567	##	53A	20.9044	26.2746
12"RCP2	7.9935	68010.0652	17.0458	11.6524	##	53B	20.9206	26.2497
24"RCP 1	7.1302	60296.1146	7.7381	78.9383	##	Node214	26.0000	29.2105
24" RCP 2	7.1647	60303.7771	3.5967	65.8675	##	Node215	22.0000	30.8672
48" RCP	20.3152	95150.0028	6.3300	585.8197	##	Ditch	20.0000	20.9200
Link3	3.6215	20594.8941	3.3584	137.4588	##	Node217	17.0600	18.1160
Link4	3.3370	18738.1293	10.1531	8.0844	##	Node219	17.5000	18.3236
Link5	-27.7948	11139.2775	-8.7640	79.0556	##	Node220	15.0000	18.5946
Link6	-11.1368	11492.1038	-3.7071	398.2678	##	CB 2	15.0000	18.5782
Link8	2.4346	10189.0439	-1.3968	95.5088	##	CB 1	15.0000	18.5697
Link9	4.7461	19799.2483	-1.5439	418.6990	##	Node223	18.0000	18.8445
Link10	4.6275	27345.2587	-2.0316	95.5088	##	Node224	18.0000	18.7848
Link11	4.8756	28869.5339	-2.2893	362.2747	##	Node225	16.0000	18.6141
Link12	-7.7417	41205.9218	-2.6341	200.7786	##	1	21.1000	26.2014
Link13	1.8437	7722.1027	3.4526	18.6432	##	6	18.4000	25.6751
Link14	2.9901	12557.0623	4.6195	194.1844	##	21	17.9000	22.3011
Link15	39.5163	2689623.689	3.0648	5997.2167	##	23	17.5000	21.9377
Link18	8.1676	173291.7792	1.9157	1319.2265	##	27	14.2700	20.6441
Link19	8.1368	173386.8879	2.0047	485.6043	##	CI-73	20.3100	22.1103
Link20	8.1149	173423.2785	2.3592	888.7310	##	CI-72	20.6700	22.1268
Link21	43.4422	2890105.981	3.0160	4303.7082	##	Pond 17	19.0000	23.8633
Link22	43.7185	2907217.147	2.9933	4406.6753	##	JB 80	20.0000	24.1229
Link23	43.9174	2915125.764	2.9674	4516.1431	##	CB-76	21.1000	25.1049
Link24	2.3456	9787.8697	2.3190	30.2514	##	CI-75	18.4800	22.0387
Link27	-16.8478	103872.6819	2.3837	1853.7470	##	CI-74	18.1900	22.0385
Link28	25.8015	2067933.300	4.0795	658.6813	##	Pond 3	14.0000	22.0369
Link29	25.8379	2079521.147	-2.5276	382.0352	##	CI-71	18.0000	22.0975
Link30	-35.8526	2097691.880	-3.4236	552.1844	##	CI-70	17.9300	22.0906
Link32	39.4336	2690137.510	3.0637	1256.5339	##	JB-67	17.6500	22.0760
Link33	2.3104	9544.5534	2.6266	29.6837	##	CI-69	21.7700	22.2851
Link34	4.2114	17497.6675	3.4886	46.3755	##	CI-68	21.4800	22.1963
Link35	5.5069	22766.2711	2.7533	92.4941	##	JB #12	18.5000	22.0514
Link36	9.8772	41046.1859	4.9228	396.9107	##	JB #11	18.1100	21.8731
Link37	-5.8118	10475.8844	4.1343	116.5987	##	JB-12	18.9600	21.6250
Link38	1.4012	10481.3211	1.3256	1768.2660	##	JB-11	18.8100	21.6215
Link39	48.1914	3052234.816	1.9955	7022.4279	##	JB-10	18.7600	21.6189
Link40	48.7877	3087776.008	1.9982	3633.4914	##	CB-09	17.5400	21.6165
Link41	49.0266	3100407.956	2.0047	3365.4562	##	CB-08	17.2900	21.4823
Link42	47.7649	3030600.453	3.0401	3435.7298	##	CB-07	17.0500	21.3526
Link43	3.3535	13952.8201	2.6949	39.3355	##	CB-06	16.8000	21.2536
Link46	24.7052	274512.9253	2.6351	1140.9635	##	CI #66-B	20.7200	21.5502
Link47	24.6934	274561.8897	2.7563	386.7084	##	CI #66-A	20.5700	21.4540
Link48	24.6633	274342.1967	2.8246	2777.4787	##	Pond 2	14.0000	21.2548
Link49	82.8944	4181466.090	3.0410	3594.2757	##	Pond 7	15.0000	22.8493
Link50	87.6356	4245312.980	3.1545	1659.8797	##	CI-81	16.7500	22.7884
Link51	87.6398	4243941.084	3.0652	4277.6916	##	CI-82	16.6800	22.7354
Link52	-7.6079	7943.1745	-4.2731	52.0973	##	Pond 5	15.0000	22.6793
Link53	-10.0215	16459.1510	-5.6136	95.3470	##	JB #14	18.9800	22.3794
Link54	15.7475	679836.7167	2.4918	863.0946	##	CI #119	22.6700	23.2886
Link55	15.7556	679873.5029	2.3593	133.4565	##	CI #118	22.3800	23.2105
Link56	15.9526	697888.3350	2.4056	203.5449	##	CI-84	20.9100	22.8497
Link57	16.1048	711154.7962	3.2515	437.1048	##	CI-83	20.7600	22.8496
Link58	16.1103	711184.0276	3.4025	302.0410	##	CB-16	19.0000	21.1613
Link60	-2.2576	13822.7163	-1.5489	192.9608	##	JB-15	18.0000	21.1613

Link61	5.3422	28617.6714	2.9922	53.7237	##	CB-05	15.7000	21.1610
Link62	7.7304	38617.2070	4.3307	33.3457	##	CB-04	15.5100	21.0549
Link63	7.7319	38499.5162	4.3355	213.6348	##	CB-03	15.4400	21.0079
Link65	-3.1062	-149.6589	-1.1472	789.3296	##	JB #02	15.4000	20.9744
Link67	41.2096	45703.8809	5.7862	2072.9212	##	CI-64	20.7100	21.8875
Link68	-61.1900	44771.4674	-8.5835	363.2689	##	CI-63	21.0000	21.9853
Link69	19.8952	359143.6771	4.2875	978.0684	##	CB-19A	17.6900	21.1757
Link70	-35.8139	357547.5641	-5.2425	363.0981	##	JB-18	17.5900	21.0949
Link71	-9.0451	610287.1607	-1.4840	946.3422	##	JB-17	17.4900	21.0330
Link72	-22.5785	823149.4203	-3.1802	765.8791	##	CB-01	15.0800	20.8600
Link73	2.2368	9312.9136	3.3254	44.9118	##	CB-00	14.5000	20.7648
Link74	5.6046	23274.4001	6.3955	235.6714	##	CI-60	16.4900	21.7483
Link75	-13.3218	107208.1566	-3.4586	214.8948	##	CI-59	16.3400	21.7482
Link76	-16.7372	117295.7838	-3.4588	318.6371	##	Pond 1-A	15.0000	21.7472
Link77	0.2160	1123.6755	0.4757	33.3457	##	JB-24	18.6900	21.6400
Link78	1.8286	9508.9672	2.7664	174.3849	##	CI-23	18.6400	21.5771
Link79	-4.1762	17365.9176	1.8888	95.5088	##	CI-22	18.5700	21.5068
Link80	13.8318	28444.0447	3.1972	144.9099	##	JB-21	18.4100	21.4184
Link81	17.6680	28637.4995	9.6122	379.6720	##	Pond 14	12.0000	21.3477
Link82	4.5558	23296.1303	2.6390	165.3818	##	CB 19B	18.4000	21.2304
Link83	7.4615	44571.5516	3.0919	340.5372	##	CB-58	18.2000	21.7657
Link84	9.8088	55850.8176	3.3071	95.5088	##	CI-57	17.6600	21.7638
Link85	13.2182	71095.2890	4.6144	421.4856	##	CI-56	17.5100	21.7612
Link86	3.6490	22942.6407	2.6360	300.6543	##	JB-55	17.4200	21.7572
Link87	5.9625	38211.2818	1.7242	744.3470	##	CB-114	22.0000	23.1622
Link88	5.7560	38121.5302	1.2202	1126.5016	##	CB #116	20.8000	23.1249
Link89	-7.9788	49224.1689	-2.6032	778.0673	##	CB #115	19.5500	23.1226
Link91	-25.3511	64492.2034	-3.4387	291.8090	##	Pond 8	15.0000	23.1224
Link92	-1.3994	3997.4287	5.0289	43.8324	##	Pond 10	15.0000	24.2079
Link95	2.9878	12338.7579	7.6274	39.9851	##	JB-87	16.7300	25.1322
Link96	-17.7249	40210.3024	-5.6109	417.2354	##	Pond 9-A	15.0000	22.8928
Link97	14.0939	82440.4236	4.4588	29.6407	##	JB #123	16.1300	22.8845
Link98	15.3850	90515.6435	4.8710	334.6828	##	Pond 9-B	15.0000	22.8818
Link99	16.6347	97326.5114	5.2710	95.5088	##	Pond 9-C	15.0000	22.8687
Link100	17.6846	102875.0680	3.5923	656.8749	##	CI-89	21.7900	22.8931
Link101	8.0627	51018.9196	3.2911	213.8627	##	CI-88	21.5000	22.8931
Link102	8.5930	54429.1864	3.2916	200.8807	##	CI-86	17.5800	22.8690
Link103	9.7800	61977.9274	3.3604	360.0269	##	CI-85	17.2900	22.8689
Link104	11.1659	70318.5094	3.5372	95.5088	##	CB-94	20.2000	22.8931
Link105	11.9958	75308.2989	3.7999	263.1323	##	CB-93	20.1100	22.8931
Link106	13.3544	83301.3965	4.2185	148.2033	##	CI-92	19.1300	22.8930
Link107	0.8198	3444.9005	2.1091	26.8285	##	CI-91	18.9800	22.8930
Link108	1.9765	8320.1388	3.5006	349.9202	##	JB-90	18.8400	22.8929
Link109	0.8966	5455.8259	1.1377	171.2917	##	CB-49	20.0000	21.7629
Link110	4.7318	22692.1979	2.5936	52.9225	##	CB-48	19.7300	21.7624
Link111	8.1808	37360.3682	4.5848	40.4812	##	CI-47	19.2100	21.7591
Link112	8.1270	37341.2565	5.4074	212.3797	##	CI-46	19.0600	21.7562
Link113	7.4381	23705.4894	2.3361	343.1899	##	CB #54-A	19.7000	21.7500
Link114	12.4816	65289.7641	3.9156	95.5083	##	CB-53	19.1800	21.7499
Link115	18.3098	94697.6814	5.7442	62.5745	##	JB-52	18.6400	21.7497
Link116	18.2895	94447.1738	5.7459	333.9702	##	CI-51A	17.8700	21.7492
Link117	18.2803	94126.5031	5.7530	167.9637	##	JB-50	16.9500	21.7479
Link118	18.3035	93709.6247	5.7694	712.6042	##	CI-51B	20.9300	21.7492
Link119	2.7882	17228.0242	2.4758	174.3622	##	CI-45	22.3600	22.6543
Link120	4.5335	26814.5712	2.7225	53.7237	##	CI-41	15.7600	21.8597
Link121	7.4462	39580.9387	4.4609	42.6084	##	Pond 1-B	15.0000	21.8411

Link122	7.4324	39570.6764	5.3942	213.3197	##	CB-40	19.0000	22.9820
Link123	17.2652	225261.1966	3.7286	552.3489	##	CB-39	18.9500	22.7371
Link124	7.5224	67014.2139	9.4168	15.0049	##	CI-38	18.4400	22.1456
Link125	7.5388	67039.1773	3.4405	401.3794	##	CI-37	17.8000	21.9197
Link126	8.2824	73793.2755	2.7721	424.5239	##	CB-34	20.3200	22.8825
Link127	9.4529	85749.6811	2.9280	95.5088	##	CB-33	19.9900	22.7257
Link128	10.3201	92343.2243	3.5097	311.9858	##	CB-32	19.6900	22.5553
Link129	10.3027	92134.1032	3.5531	180.2136	##	CI-31	18.6200	22.2741
Link130	12.3079	133412.9782	4.0535	240.8917	##	CI-30	18.4700	22.1185
Link132	-7.4969	21203.1541	-2.4415	445.7883	##	JB-29	17.0600	21.9277
Link133	-12.5179	21105.9444	-4.1040	264.1850	##	CI-35	21.2200	21.9293
Link134	-18.2267	20866.7624	-5.7638	130.4473	##	CI-36	21.0800	21.9290
Link135	33.0222	415046.1858	4.6563	1097.4528	##	CB-28	21.0000	22.1009
Link136	8.1948	173208.1194	1.8803	273.4234	##	CI-27	20.4800	22.0859
Link137	17.9819	763774.1214	1.1024	766.2563	##	CI-26	20.3400	21.9470
Link139	-3.7325	18640.7991	-1.8439	297.2895	##	JB-25	20.2300	21.8758
Link140	-6.0225	18422.6459	-2.8491	95.5088	##	CB-104	18.3000	24.7024
Link141	-9.6591	18066.8873	-3.2399	728.8129	##	CI-103	17.7700	24.6522
Link142	8.2882	213429.1215	4.8415	140.1342	##	CI-102	17.6300	24.4059
XS #7b	107.0007	6806901.603	2.0897	56301.4507	##	JB-101	17.5300	23.8946
L-33	12.3575	76877.5471	5.6250	269.3585	##	JB-100	17.0100	22.9122
L-33A	12.8231	79615.6159	6.3945	204.0268	##	JB-99	16.7600	22.8961
L-33B	14.1091	87163.9243	4.3862	390.3254	##	Pond 11	15.5000	22.8942
L-33C	20.2907	206759.7045	0.9327	21060.0000	##	CB-98	20.9000	22.8960
L-33D	18.7669	207547.4294	3.8117	329.3406	##	CI-97	20.4200	22.8957
L-33E	20.7455	232977.1438	4.1984	1075.5030	##	CI-96	20.2700	22.8955
Link258	26.7667	564071.8143	10.4465	149.6644	##	JB-95	20.1600	22.8951
Link259	39.4595	2689909.920	3.1646	5785.9024	##	Pond 12	20.0000	26.0672
Link262	3.9967	23235.5601	3.7235	205.0021	##	JB-109	23.5000	25.0717
Link263	26.4668	2126017.083	2.5784	425.7899	##	CB-108	22.8100	24.8607
Link264	1.9106	7949.3120	3.7247	15.1188	##	CI-107	22.1600	24.6183
Link266	7.2548	30161.7475	4.9489	139.7869	##	CI-106	22.0100	24.4730
Link267	48.6218	3081371.605	1.9940	3815.7865	##	JB-105	21.5400	24.1995
Link268	3.8134	15931.5938	7.5476	69.3066	##	Pond 15	18.0000	24.0049
Link270	4.3009	18021.2647	4.1931	62.4028	##	Pond 13	18.0000	23.2194
Link271	4.2830	18012.0676	6.8724	91.6009	##	Node137	17.4000	21.7063
Link272	39.5728	2689558.177	2.9582	3405.5272	##	CB-112	20.3700	24.0846
Link273	39.6346	2689461.510	2.9300	5879.8593	##	CB-111	19.6800	24.0217
Link274	1.8287	9455.8563	4.0343	21.5362	##	CB-110	19.2700	24.1042
Link275	3.4477	17877.9171	4.7201	350.6981	##	OS 13	19.0000	21.6278
Link276	2.5533	13265.7646	2.8186	399.9399	##	OS 20	16.5000	20.9850
Link277	2.6244	13242.8310	3.7673	104.0843	##	CB-44	17.5000	21.8856
Link278	-22.6534	358152.5407	-3.3284	778.0673	##	JB-42	17.0500	21.8777
Link279	-7.2841	97224.3847	-2.1949	311.2269	##	JB-43	16.9000	21.8732
Link280	-12.6739	-575.9650	-4.1741	70.9748	##	OS #113	21.0000	22.0118
Link281	1.9092	7958.7745	3.1037	31.1183	##	N-33A	21.0000	22.1839
Link282	3.8096	15885.6316	4.9565	185.6204	##	N-33B	19.6000	22.2807
Link283	-15.3369	64798.6638	-3.1648	449.1691	##	N-33C	19.1700	22.2361
Link284	2.4377	15221.3190	1.3756	387.1811	##	N-33D	18.5300	22.2272
Link285	3.4676	14265.7718	5.8558	16.6098	##	N-33E	18.2500	21.9193
Link286	1.3374	5486.5906	2.3632	30.2253	##	CB #120	25.7000	27.2508
Link287	7.2923	37850.9064	4.0867	74.1016	##	OS #5	17.0000	22.3902
Link288	12.9906	75469.6735	4.1087	362.0943	##	JB #13	18.9000	22.2588
Link289	1.4955	9401.4534	1.0078	74.1015	##	CI #19-D	20.9900	21.4990
Link290	5.9538	37626.7031	2.8021	524.5928	##	CI #19-C	20.7000	21.4055
Spanish1	100.2195	-2249719.80	20.7563	231.5676	##	JB #62	15.5800	21.1026

IndianDr1	103.5511	6627088.711	14.5247	311.2269	##	JB #65	20.2600	21.2544
2@42" RCP	49.5506	6606735.476	5.1418	1209.7512	##	JB #10	17.8900	21.7552
2@24"	34.5016	907719.8872	10.9175	256.5690	##	CB #126	23.7000	24.1541
Seaweed.1	-31.0295	-1709793.01	-6.2971	474.2202	##	CB #125	22.7300	23.2981
Screen.1	181.8956	10991098.32	4.6119	38548.6636	##	CB #122	19.7000	21.2569
WEIR#1	0.0000	0.0000	0.0000	0.0000	##	JB #121	19.1200	21.2554
WEIR#2	0.0000	0.0000	0.0000	0.0000	##	JB #113-B	16.5500	22.8883
WEIR#3	0.0000	0.0000	0.0000	0.0000	##	OS #117	17.0000	22.8691
Dway Top	0.0000	0.0000	0.0000	0.0000	##	CI #54-C	21.0100	21.7495
WEIR#5	0.0000	0.0000	0.0000	0.0000	##	CI #54-B	20.7200	21.7493
WEIR#8	-22.0083	-202255.879	0.0000	0.0000	##	JB #50-B	17.5600	21.7487
WEIR#9	-23.4642	-192267.586	0.0000	0.0000	##	Node43D	24.0000	24.5589
WEIR#10	37.3964	340922.7944	0.0000	0.0000	##	Node43C	24.2000	24.7329
WEIR#11	101.8495	2464574.552	0.0000	0.0000	##	Node274	19.4500	23.5544
WEIR#12	0.0000	0.0000	0.0000	0.0000	##	Node275	19.3300	23.3662
WEIR#13	238.1123	12772475.40	0.0000	0.0000	##	Node276	20.8200	23.0082
WEIR#14	419.3670	14168594.85	0.0000	0.0000	##	Node277	20.7200	22.9994
WEIR#15	0.0000	0.0000	0.0000	0.0000	##			
WEIR#16	182.1235	7363198.657	0.0000	0.0000	##			
WEIR#17	0.0000	0.0000	0.0000	0.0000	##			
WeirA	15.8380	1375479.348	0.0000	0.0000	##			
WeirB	25.1141	1461629.712	0.0000	0.0000	##			
Weir1	20.0071	438368.5192	0.0000	0.0000	##			
WEIR#6	15.5605	186611.6922	0.0000	0.0000	##			
WEIR#7	-48.5986	942095.7731	0.0000	0.0000	##			
Weir13-1.1	6.9962	165944.2664	0.0000	0.0000	##			
Weir13-2	1.2197	7272.0170	0.0000	0.0000	##			
Throat 13	0.0000	0.0000	0.0000	0.0000	##			
Riser13	0.0000	0.0000	0.0000	0.0000	##			
Weir-1	26.4624	2126195.650	0.0000	0.0000	##			
Throat	0.0000	0.0000	0.0000	0.0000	##			
Riser	0.0000	0.0000	0.0000	0.0000	##			
Weir14-1	4.2703	223949.3433	0.0000	0.0000	##			
Weir20-2	13.7292	539844.4143	0.0000	0.0000	##			
Throat20	0.0000	0.0000	0.0000	0.0000	##			
Grate20	0.0000	0.0000	0.0000	0.0000	##			
Weir1-#8	6.4060	97368.5717	0.0000	0.0000	##			
Throat#8	0.0000	0.0000	0.0000	0.0000	##			
Riser#8	0.0000	0.0000	0.0000	0.0000	##			
Weir 1	4.9479	199889.9856	0.0000	0.0000	##			
Throat13	3.3455	13538.0596	0.0000	0.0000	##			
Grate	0.0000	0.0000	0.0000	0.0000	##			
FREE # 1	182.1234	7363231.812	0.0000	0.0000	##			
FREE # 2	419.3696	14169687.89	0.0000	0.0000	##			

Table E16. New Conduit Information Section #
Conduit Invert (IE) Elevation and Conduit #
Maximum Water Surface (WS) Elevations #
#####

Conduit Name	Upstream Node	Downstream Node	IE Up	IE Dn	WS Up	WS Dn	Conduit Type
XS #1A	1	1A	21.1000	20.9000	26.2014	26.1946	Natural
XS #2	4	6	18.5300	18.4000	25.8591	25.6751	Natural
XS #3	6	63	18.4000	18.4000	25.6751	25.6046	Natural
XS #4	8	15	18.3000	18.2000	25.5747	25.5444	Natural
XS #5	17	19	18.1000	18.0000	22.9570	22.4326	Natural
XS #6	19	21	18.0000	17.9000	22.4326	22.3011	Natural
XS #7a	23	Node137	17.5000	17.4000	21.9377	21.7063	Natural
XS #8	25	27	17.2000	15.6000	21.0689	20.6441	Natural
XS #9	New Pond	27	16.2000	15.6000	20.5839	20.6441	Natural
XS #10	32	34	15.5000	15.0000	20.2113	20.1105	Circular
STUB	34	36	15.3000	14.5000	20.1105	18.8882	Circular
FRONTAGE	36	38	14.3200	12.1000	18.8882	18.5262	Circular
HWY 17 S	38	41	11.9200	11.0000	18.5262	18.1695	Circular
HWY 17 N	41	45	10.9400	9.8900	18.1695	17.5830	Circular
PARKINGLOT	48	45	9.9000	9.1200	16.9076	17.5825	Circular
TO LAKE	Lk-Elzbth	48	9.8700	9.6100	15.2943	16.9076	Circular
61	56	55	22.5000	22.1000	28.2879	27.3699	Natural
62	55	1	22.1000	21.1000	27.3699	26.2014	Natural
XS #3a	63	8	18.4000	18.3000	25.6046	25.5747	Natural
XS MALLARD	64	63	20.4100	18.4000	25.6046	25.6046	Natural
80	78	68	21.5000	20.9600	24.3784	25.5988	Natural
8x4 Box	73b	Dgwood Lk	5.3000	5.0300	9.5230	9.0300	Rectangle
Clvt 10	44b	Dgwood Lk	6.2300	5.4200	8.1707	8.1785	Rectangle
Palmt0 Lk	44b	46b	6.2300	5.4600	8.1707	8.1128	Natural
Clvt 7	46b	48b	5.4600	5.1700	8.1128	8.0307	Circular
Chan A	48b	50b	5.5100	5.1700	8.0307	7.7271	Natural
Clvt 6	50b	52b	5.5100	5.3500	7.7271	7.5713	Circular
Chan B	52b	54b	5.3500	4.5200	7.5713	7.0889	Natural
Clvt 5	54b	56b	4.5200	4.3800	7.0889	6.9843	Circular
Chan C	Myrtle Lk	56b	4.5000	4.3800	6.2682	6.9843	Natural
Chan D	Holly Lk	63b	4.7500	4.3300	6.4867	6.3647	Trapezoid
Oak Clvt	63b	65b	4.3300	4.2400	6.3647	6.3170	Rectangle
Chan E	65b	Myrtle Lk	4.2400	4.2000	6.3170	6.2682	Trapezoid
Clvt2 Out	60b	69b	2.5700	2.5100	6.0978	6.0000	Rectangle
Clvt1 Out	71b	38b	3.4600	3.2300	7.4600	7.9821	Rectangle
Lined Ch	71b	Channel	3.4200	3.2600	6.9091	6.3605	Natural
XS #1B	1B	2	20.9000	20.7000	23.1797	23.0723	Natural
ToLake	1	53B	21.1000	20.9206	26.2014	26.2497	Natural
Link224	53A	Node215	24.0004	22.0000	26.2746	30.8672	Circular
Link225	Node214	53A	26.0000	24.0004	29.2105	27.0004	Circular
18"RCP	Ditch	36	20.0000	14.3200	20.9200	18.8882	Circular
36"Stub	Node219	Node217	17.5000	17.0600	18.3236	18.1160	Circular
18"RCP2	CB 2	38	15.0000	13.0000	18.5782	18.5262	Circular
18"RCP1	CB 1	38	15.0000	13.0000	18.5697	18.5262	Circular
12"RCP1	Node223	41	18.0000	15.0000	18.8445	18.1695	Circular
12"RCP2	Node224	41	18.0000	15.0000	18.7848	18.1695	Circular
24"RCP 1	Node225	Node220	16.0000	15.0000	18.6141	18.5945	Circular
24" RCP 2	Node220	CB 2	15.0000	15.0000	18.5945	18.5782	Circular
48" RCP	Node217	36	17.0600	14.3200	18.1160	18.8882	Circular
Link3	CI-72	CI-73	20.6700	20.4100	22.1268	22.1103	Circular
Link4	Pond 17	CI-72	23.6000	20.7700	23.8633	22.1268	Circular
Link5	JB 80	Pond 17	20.0000	19.8000	24.1229	23.8633	Circular
Link6	CB-76	JB 80	21.1000	20.0000	25.1049	24.1229	Circular
Link8	CI-75	CI-74	18.4800	18.1900	22.0387	22.0385	Circular
Link9	CI-74	Pond 3	18.1900	17.0000	22.0385	22.0369	Circular
Link10	CI-71	CI-70	18.0000	17.9300	22.0975	22.0906	Circular
Link11	CI-70	JB-67	17.9300	17.6500	22.0906	22.0760	Circular
Link12	JB-67	Pond 3	17.6500	15.5000	22.0760	22.0369	Circular
Link13	CI-69	CI-68	21.7700	21.4800	22.2851	22.1963	Circular
Link14	CI-68	JB-67	21.4800	18.1500	22.1963	22.0760	Circular
Link15	JB #12	JB #11	18.5000	18.1100	22.0514	21.8731	Circular
Link18	JB-12	JB-11	18.9600	18.8100	21.6250	21.6215	Circular
Link19	JB-11	JB-10	18.8100	18.7600	21.6215	21.6189	Circular
Link20	JB-10	CB-09	18.7600	18.5400	21.6189	21.6165	Circular
Link21	CB-09	CB-08	17.5400	17.2900	21.6165	21.4823	Circular
Link22	CB-08	CB-07	17.2900	17.0500	21.4823	21.3526	Circular
Link23	CB-07	CB-06	17.0500	16.8000	21.3526	21.2536	Circular
Link24	CI #66-B	CI #66-A	20.7200	20.5700	21.5502	21.4540	Circular
Link27	Pond 2	CB-06	18.0000	17.8000	21.2548	21.2536	Circular

Link28	Pond 7	CI-81	17.0000	16.7500	22.8493	22.7884	Circular	
Link29		CI-81	CI-82	16.7500	16.6800	22.7884	22.7354	Circular
Link30		CI-82	Pond 5	16.6800	16.0000	22.7354	22.6793	Circular
Link32		JB #14	JB #13	18.9800	18.9000	22.3794	22.2588	Circular
Link33		CI #119	CI #118	22.6700	22.3800	23.2886	23.2105	Circular
Link34		CI #118	Pond 7	22.3800	22.1700	23.2105	22.8698	Circular
Link35		CI-84	CI-83	20.9100	20.7600	22.8497	22.8496	Circular
Link36		CI-83	Pond 7	20.7600	20.0000	22.8496	22.8493	Circular
Link37		CB-16	JB-15	19.0000	18.0000	21.1613	21.1613	Circular
Link38		JB-15	CB-05	18.0000	17.5000	21.1613	21.1610	Circular
Link39		CB-05	JB #62	15.7000	15.5800	21.1610	21.1026	Circular
Link40		CB-04	CB-03	15.5100	15.4400	21.0549	21.0079	Circular
Link41		CB-03	JB #02	15.4400	15.4000	21.0079	20.9744	Circular
Link42		CB-06	CB-05	16.8000	16.7000	21.2536	21.1610	Circular
Link43		CI-63	CI-64	21.0000	20.7100	21.9853	21.8875	Circular
Link46		CB-19A	JB-18	17.6900	17.5900	21.1757	21.0949	Circular
Link47		JB-18	JB-17	17.5900	17.4900	21.0949	21.0330	Circular
Link48		JB-17	JB #02	17.4900	17.3000	21.0330	20.9744	Circular
Link49		JB #02	CB-01	15.4000	15.0800	20.9744	20.8600	Circular
Link50		CB-01	CB-00	15.0800	14.5000	20.8600	20.7648	Circular
Link51		CB-00	27	14.5000	14.2700	20.7648	20.6441	Circular
Link52		CI-60	CI-59	16.4900	16.3400	21.7483	21.7482	Circular
Link53		CI-59	Pond 1-A	16.3400	16.0000	21.7482	21.7472	Circular
Link54		Pond 1-A	JB-24	19.0000	18.6900	21.7472	21.6400	Circular
Link55		JB-24	CI-23	18.6900	18.6400	21.6400	21.5771	Circular
Link56		CI-23	CI-22	18.6400	18.5700	21.5771	21.5068	Circular
Link57		CI-22	JB-21	18.5700	18.4100	21.5068	21.4184	Circular
Link58		JB-21	Pond 14	18.4100	18.0000	21.4184	21.3477	Circular
Link60		CB-58	CI-57	18.2000	17.6600	21.7657	21.7638	Circular
Link61		CI-57	CI-56	17.6600	17.5100	21.7638	21.7612	Circular
Link62		CI-56	JB-55	17.5100	17.4200	21.7612	21.7572	Circular
Link63		JB-55	Pond 1-A	17.4200	16.5000	21.7572	21.7472	Circular
Link65		CB #116	CB #115	20.8000	19.5500	23.1249	23.1226	Circular
Link67		Pond 10	JB-87	17.0000	16.7300	24.2521	25.1322	Circular
Link68		JB-87	Pond 8	16.7300	16.5000	25.1322	23.1224	Circular
Link69		Pond 9-A	JB #113-B	17.0000	16.5500	22.8928	22.8883	Circular
Link70		JB #123	Pond 9-B	16.1300	16.0000	22.8845	22.8818	Circular
Link71		Pond 9-B	Pond 9-C	19.0000	18.0000	22.8818	22.8687	Circular
Link72		Pond 9-C	Pond 7	17.0000	16.0000	22.8687	22.8493	Circular
Link73		CI-89	CI-88	21.7900	21.5000	22.8931	22.8931	Circular
Link74		CI-88	Pond 9-A	21.5000	17.0000	22.8931	22.8928	Circular
Link75		CI-86	CI-85	17.5800	17.2900	22.8690	22.8689	Circular
Link76		CI-85	Pond 9-C	17.2900	17.0000	22.8689	22.8687	Circular
Link77		CB-94	CB-93	20.2000	20.1100	22.8931	22.8931	Circular
Link78		CB-93	CI-92	20.1100	19.6300	22.8931	22.8930	Circular
Link79		CI-92	CI-91	19.1300	18.9800	22.8930	22.8930	Circular
Link80		CI-91	JB-90	18.9800	18.8400	22.8930	22.8929	Circular
Link81		JB-90	Pond 9-A	18.8400	16.0000	22.8929	22.8928	Circular
Link82		CB-49	CB-48	20.0000	19.7300	21.7629	21.7624	Circular
Link83		CB-48	CI-47	19.7300	19.2100	21.7624	21.7591	Circular
Link84		CI-47	CI-46	19.2100	19.0600	21.7591	21.7562	Circular
Link85		CI-46	Pond 1-A	19.0600	17.0000	21.7562	21.7472	Circular
Link86		CB #54-A	CB-53	19.7000	19.1800	21.7500	21.7499	Circular
Link87		CB-53	JB-52	19.1800	18.6400	21.7499	21.7497	Circular
Link88		JB-52	CI-51A	18.6400	17.8700	21.7497	21.7492	Circular
Link89		CI-51A	JB #50-B	17.8700	17.5600	21.7492	21.7487	Circular
Link91		JB-50	Pond 1-A	16.9500	15.5000	21.7479	21.7472	Circular
Link92		CI-51B	CI-51A	20.9300	19.8500	21.7492	21.7492	Circular
Link95		CI-45	CI-41	22.3600	16.2600	22.6543	21.8597	Circular
Link96		CI-41	Pond 1-B	15.7600	15.5000	21.8597	21.8411	Circular
Link97		CB-40	CB-39	19.0000	18.9500	22.9820	22.7371	Circular
Link98		CB-39	CI-38	18.9500	18.4400	22.7371	22.1456	Circular
Link99		CI-38	CI-37	18.4400	18.3000	22.1456	21.9197	Circular
Link100		CI-37	Pond 1-B	17.8000	17.0000	21.9197	21.8411	Circular
Link101		CB-34	CB-33	20.3200	19.9900	22.8825	22.7257	Circular
Link102		CB-33	CB-32	19.9900	19.6900	22.7257	22.5553	Circular
Link103		CB-32	CI-31	19.6900	18.6200	22.5553	22.2741	Circular
Link104		CI-31	CI-30	18.6200	18.4700	22.2741	22.1185	Circular
Link105		CI-30	JB-29	18.4700	17.0600	22.1185	21.9277	Circular
Link106		JB-29	Pond 1-B	17.0600	16.8300	21.9277	21.8411	Circular
Link107		CI-35	CI-36	21.2200	21.0800	21.9293	21.9290	Circular
Link108		CI-36	JB-29	21.0800	17.5600	21.9290	21.9277	Circular
Link109		CB-28	CI-27	21.0000	20.4800	22.1009	22.0859	Circular
Link110		CI-27	CI-26	20.4800	20.3400	22.0859	21.9470	Circular
Link111		CI-26	JB-25	20.3400	20.2300	21.9470	21.8758	Circular
Link112		JB-25	Pond 1-B	20.2300	18.0000	21.8758	21.8411	Circular
Link113		CB-104	CI-103	18.3000	17.7700	24.7024	24.6522	Circular

Link114	CI-103	CI-102	17.7700	17.6300	24.6522	24.4059	Circular
Link115	CI-102	JB-101	17.6300	17.5300	24.4059	23.8946	Circular
Link116	JB-101	JB-100	17.5300	17.0100	23.8946	22.9122	Circular
Link117	JB-100	JB-99	17.0100	16.7600	22.9122	22.8961	Circular
Link118	JB-99	Pond 11	16.7600	15.5000	22.8961	22.8942	Circular
Link119	CB-98	CI-97	20.9000	20.4200	22.8960	22.8957	Circular
Link120	CI-97	CI-96	20.4200	20.2700	22.8957	22.8955	Circular
Link121	CI-96	JB-95	20.2700	20.1600	22.8955	22.8951	Circular
Link122	JB-95	Pond 11	20.1600	18.0000	22.8951	22.8942	Circular
Link123	Pond 11	Pond 9-A	19.0000	18.4000	22.8942	22.8928	Circular
Link124	Pond 12	JB-109	25.5000	23.5000	26.0672	25.0717	Circular
Link125	JB-109	CB-108	23.5000	22.8100	25.0717	24.8607	Circular
Link126	CB-108	CI-107	22.8100	22.1600	24.8607	24.6183	Circular
Link127	CI-107	CI-106	22.1600	22.0100	24.6183	24.4730	Circular
Link128	CI-106	JB-105	22.0100	21.5400	24.4730	24.1995	Circular
Link129	JB-105	Pond 15	21.5400	20.0000	24.1995	24.0049	Circular
Link130	Pond 15	Pond 13	22.0000	21.5000	24.0049	23.2194	Circular
Link132	CB-112	CB-111	20.3700	19.6800	24.0846	24.0217	Circular
Link133	CB-111	CB-110	19.6800	19.2700	24.0217	24.1018	Circular
Link134	CB-110	Pond 15	19.2700	18.0000	24.1018	24.0049	Circular
Link135	Pond 1-B	Pond 1-A	17.0000	16.0000	21.8411	21.7472	Circular
Link136	OS 13	JB-12	19.0000	18.9600	21.6278	21.6250	Circular
Link137	OS 20	JB #02	16.5000	16.4000	20.9850	20.9744	Circular
Link139	CB-44	JB-42	17.5000	17.0500	21.8856	21.8777	Circular
Link140	JB-42	JB-43	17.0500	16.9000	21.8777	21.8732	Circular
Link141	JB-43	CI-41	16.9000	15.7600	21.8732	21.8597	Circular
Link142	OS #113	Node137	21.0000	20.0000	22.0118	21.7063	Circular
XS #7b	Node137	25	17.4000	17.2000	21.7063	21.0689	Natural
L-33	CB-114	N-33A	22.0000	21.0000	23.1622	22.1839	Circular
L-33A	N-33A	N-33B	21.0000	19.6000	22.1839	22.2807	Circular
L-33B	N-33B	N-33C	19.6000	19.1700	22.2807	22.2361	Circular
L-33C	N-33C	N-33D	19.1700	18.5300	22.2361	22.2272	Trapezoid
L-33D	N-33D	N-33E	18.5300	18.2500	22.2272	21.9193	Circular
L-33E	N-33E	CB-19A	18.2500	18.1900	21.9193	21.1757	Circular
Link258	CB #120	JB #14	25.7000	20.9500	27.2508	22.3794	Circular
Link259	JB #13	JB #12	18.9000	18.5000	22.2588	22.0514	Circular
Link262	CI-73	CI-71	20.3100	18.0000	22.1103	22.0975	Circular
Link263	OS #5	JB #14	19.0000	18.9800	22.3902	22.3794	Circular
Link264	CI #19-D	CI #19-C	20.9900	20.7000	21.4990	21.4055	Circular
Link266	CI-64	JB #62	20.7100	20.2400	21.8875	21.2826	Circular
Link267	JB #62	CB-04	15.5800	15.5100	21.1026	21.0549	Circular
Link268	CI #19-C	Pond 2	20.7000	16.0000	21.4055	21.2548	Circular
Link270	CI #66-A	JB #65	20.5700	20.2600	21.4540	21.2544	Circular
Link271	JB #65	Pond 2	20.2600	16.0000	21.2544	21.2548	Circular
Link272	JB #11	JB #10	18.1100	17.8900	21.8731	21.7552	Circular
Link273	JB #10	CB-09	17.8900	17.5400	21.7552	21.6165	Circular
Link274	CB #126	CB #125	23.7000	22.8300	24.1541	23.2981	Circular
Link275	CB #125	Pond 3	22.7300	17.0000	23.2981	22.0369	Circular
Link276	CB #122	JB #121	19.7000	19.1200	21.2569	21.2554	Circular
Link277	JB #121	Pond 2	19.1200	16.1000	21.2554	21.2548	Circular
Link278	JB #113-B	JB #123	16.5500	16.1300	22.8883	22.8845	Circular
Link279	OS #117	CI-86	18.0000	17.5800	22.8691	22.8690	Circular
Link280	CB #115	Pond 8	19.5500	19.0000	23.1226	23.1224	Circular
Link281	CI #54-C	CI #54-B	21.0100	20.7200	21.7495	21.7493	Circular
Link282	CI #54-B	JB #50-B	20.7200	19.5600	21.7493	21.7487	Circular
Link283	JB #50-B	JB-50	17.5600	16.9500	21.7487	21.7479	Circular
Link284	CB 19B	CB-19A	18.4000	18.1900	21.2304	21.1757	Circular
Link285	Node43D	CB-49	24.0000	22.0000	24.5589	22.5109	Circular
Link286	Node43C	Node43D	24.2000	24.0000	24.7329	24.5588	Circular
Link287	Node274	Node275	19.4500	19.3300	23.5544	23.3662	Circular
Link288	Node275	CB-40	19.3300	19.0000	23.3662	22.9820	Circular
Link289	Node276	Node277	20.8200	20.7200	23.0082	22.9994	Circular
Link290	Node277	CB-34	20.7200	20.3200	22.9994	22.8825	Circular
Spanish1	4	2	18.5300	18.4100	25.8591	23.0723	Circular
IndianDrl	15	17	18.2000	18.1000	25.5444	22.9570	Circular
2@42" RCP	21	23	17.9000	17.5000	22.3011	21.9377	Circular
2@24"	68	64	20.9600	20.4100	25.5988	25.6046	Circular
Seaweed.1	53B	53A	20.9206	20.9044	26.2497	26.2746	Circular
Screen.1	New Pond	32	15.5000	15.4900	20.5839	20.2113	Circ Orif

```

*=====
| Table E20 - Junction Flooding and Volume Listing. |
|           The maximum volume is the total volume |
|           in the node including the volume in the |
|           flooded storage area. This is the max |
|           volume at any time. The volume in the |
|           flooded storage area is the total volume |
|           above the ground elevation, where the |
|           flooded pond storage area starts.      |
| The fourth column is instantaneous, the fifth is the |
| sum of the flooded volume over the entire simulation |
| Units are either ft^3 or m^3 depending on the units. |
*=====

```

Junction Name	Surcharged Time (min)	Flooded Time (min)	Out of 1D-System (Flooded Volume)	Maximum Volume	Passed to 2D cell OR Volume Stored in allowed Flood Pond of 1D-System
2	0.0000	0.0000	0.0000	2237500.929	0.0000
4	195.4000	0.0000	0.0000	92.0971	0.0000
8	151.7417	0.0000	0.0000	91.4140	0.0000
15	158.1750	0.0000	0.0000	92.2898	0.0000
17	0.0000	0.0000	0.0000	61.0333	0.0000
19	0.0000	0.0000	0.0000	55.7004	0.0000
25	0.0000	0.0000	0.0000	48.6169	0.0000
New Pond	0.0000	0.0000	0.0000	127739.6963	0.0000
32	0.0000	0.0000	0.0000	59.3275	0.0000
34	0.0000	0.0000	0.0000	72.7636	0.0000
36	0.0000	0.0000	0.0000	57.4046	0.0000
38	17.9583	0.0000	0.0000	83.0135	0.0000
41	37.9833	0.0000	0.0000	90.8458	0.0000
45	65.7333	0.0000	0.0000	106.3459	0.0000
48	50.1500	0.0000	0.0000	91.8269	0.0000
52	2983.6667	0.0000	0.0000	2068614.175	0.0000
55	1038.9667	1039.0250	0.0000	24395.0972	121840.8015
56	767.0833	767.1833	0.0000	44316.3910	77109.0824
63	207.0417	50.5083	0.0000	1666.9464	4323.7947
64	101.1417	0.0000	0.0000	65.2757	0.0000
68	234.3417	0.0000	0.0000	288452.6621	0.0000
76	2558.2500	0.0000	0.0000	422541.7423	0.0000
78	153.6667	153.6917	0.0000	2331.3732	4054.1318
Lk-Elzbth	0.0000	0.0000	0.0000	1480331.577	0.0000
Dgwood Lk	0.0000	0.0000	0.0000	2586760.990	0.0000
44b	0.0000	0.0000	0.0000	24.3864	0.0000
46b	0.0000	0.0000	0.0000	33.3351	0.0000
48b	0.0000	0.0000	0.0000	35.9471	0.0000
50b	0.0000	0.0000	0.0000	32.1331	0.0000
52b	0.0000	0.0000	0.0000	27.9134	0.0000
54b	0.0000	0.0000	0.0000	32.2804	0.0000
56b	0.0000	0.0000	0.0000	32.7260	0.0000
Myrtle Lk	0.0000	0.0000	0.0000	116277.6402	0.0000
60b	0.0000	0.0000	0.0000	44.3297	0.0000
Holly Lk	0.0000	0.0000	0.0000	102493.3625	0.0000
63b	0.0000	0.0000	0.0000	25.5675	0.0000
65b	0.0000	0.0000	0.0000	26.0990	0.0000
69b	0.0000	0.0000	0.0000	43.8553	0.0000
71b	0.0000	0.0000	0.0000	43.8436	0.0000
73b	81.9250	0.0000	0.0000	53.0658	0.0000
38b	215.7500	0.0000	0.0000	59.7150	0.0000
Channel	0.0000	0.0000	0.0000	38.9603	0.0000
1B	0.0000	0.0000	0.0000	28.6468	0.0000
1A	787.8000	0.0000	0.0000	502068.0553	0.0000
53A	0.0000	0.0000	0.0000	767355.5344	0.0000
53B	2488.5833	1651.0833	0.0000	13938.9491	35621.1868
Node214	12.6667	0.0000	0.0000	50406.7284	0.0000
Node215	2519.4833	0.0000	0.0000	82175.3538	0.0000
Ditch	0.0000	0.0000	0.0000	11.5612	0.0000
Node217	0.0000	0.0000	0.0000	13.2696	0.0000
Node219	0.0000	0.0000	0.0000	10.3495	0.0000
Node220	42.4167	0.0000	0.0000	45.1690	0.0000
CB 2	42.1167	0.0000	0.0000	44.9634	0.0000
CB 1	54.9667	0.0000	0.0000	44.8568	0.0000
Node223	0.0000	0.0000	0.0000	10.6116	0.0000
Node224	0.0000	0.0000	0.0000	9.8620	0.0000
Node225	23.8917	0.0000	0.0000	32.8495	0.0000
1	596.6500	596.7500	0.0000	1116.5002	13737.4043

6	206.2083	0.0000	0.0000	91.4184	0.0000
21	0.0000	0.0000	0.0000	948.2996	0.0000
23	0.0000	0.0000	0.0000	55.7637	0.0000
27	0.0000	0.0000	0.0000	73888.4778	0.0000
CI-73	0.0000	0.0000	0.0000	22.6226	0.0000
CI-72	0.0000	0.0000	0.0000	18.3061	0.0000
Pond 17	0.0000	0.0000	0.0000	10968.3789	0.0000
JB 80	3239.7750	0.0000	0.0000	51.8083	0.0000
CB-76	3238.6542	0.2083	0.0000	168.6689	24.1944
CI-75	581.3083	0.0000	0.0000	44.7184	0.0000
CI-74	740.9917	0.0000	0.0000	48.3599	0.0000
Pond 3	2818.2500	0.0000	0.0000	144604.7346	0.0000
CI-71	824.4167	0.0000	0.0000	51.4888	0.0000
CI-70	860.8000	0.0000	0.0000	52.2823	0.0000
JB-67	1041.5333	0.0000	0.0000	55.6168	0.0000
CI-69	0.0000	0.0000	0.0000	6.4732	0.0000
CI-68	0.0000	0.0000	0.0000	9.0013	0.0000
JB #12	0.0000	0.0000	0.0000	44.6265	0.0000
JB #11	0.0000	0.0000	0.0000	47.2874	0.0000
JB-12	0.0000	0.0000	0.0000	33.4889	0.0000
JB-11	0.0000	0.0000	0.0000	35.3288	0.0000
JB-10	0.0000	0.0000	0.0000	35.9252	0.0000
CB-09	0.0000	0.0000	0.0000	51.2248	0.0000
CB-08	0.0000	0.0000	0.0000	52.6809	0.0000
CB-07	0.0000	0.0000	0.0000	54.0667	0.0000
CB-06	0.0000	0.0000	0.0000	55.9641	0.0000
CI #66-B	0.0000	0.0000	0.0000	10.4323	0.0000
CI #66-A	0.0000	0.0000	0.0000	11.1078	0.0000
Pond 2	0.0000	0.0000	0.0000	88087.4299	0.0000
Pond 7	0.0000	0.0000	0.0000	438896.8945	0.0000
CI-81	1643.2750	0.0000	0.0000	75.8782	0.0000
CI-82	1694.8417	0.0000	0.0000	76.0922	0.0000
Pond 5	2427.2250	0.0000	0.0000	76064.9044	0.0000
JB #14	0.0000	0.0000	0.0000	42.7166	0.0000
CI #119	0.0000	0.0000	0.0000	7.7730	0.0000
CI #118	0.0000	0.0000	0.0000	10.4359	0.0000
CI-84	0.0000	0.0000	0.0000	24.3738	0.0000
CI-83	254.1417	0.0000	0.0000	26.2581	0.0000
CB-16	0.0000	0.0000	0.0000	27.1585	0.0000
JB-15	144.3583	0.0000	0.0000	39.7244	0.0000
CB-05	0.0000	0.0000	0.0000	68.6228	0.0000
CB-04	0.0000	0.0000	0.0000	69.6767	0.0000
CB-03	0.0000	0.0000	0.0000	69.9663	0.0000
JB #02	0.0000	0.0000	0.0000	70.0476	0.0000
CI-64	0.0000	0.0000	0.0000	14.7968	0.0000
CI-63	0.0000	0.0000	0.0000	12.3814	0.0000
CB-19A	0.0000	0.0000	0.0000	43.8017	0.0000
JB-18	0.0000	0.0000	0.0000	44.0423	0.0000
JB-17	0.0000	0.0000	0.0000	44.5208	0.0000
CB-01	0.0000	0.0000	0.0000	72.6314	0.0000
CB-00	166.3000	0.0000	0.0000	78.7229	0.0000
CI-60	3239.7667	0.0000	0.0000	66.0761	0.0000
CI-59	3239.8750	0.0000	0.0000	67.9589	0.0000
Pond 1-A	0.0000	0.0000	0.0000	556770.8237	0.0000
JB-24	0.0000	0.0000	0.0000	37.0702	0.0000
CI-23	0.0000	0.0000	0.0000	36.9075	0.0000
CI-22	0.0000	0.0000	0.0000	36.9035	0.0000
JB-21	33.4667	0.0000	0.0000	37.8036	0.0000
Pond 14	222.1917	0.0000	0.0000	104355.6657	0.0000
CB 19B	336.0333	0.0000	0.0000	35.5666	0.0000
CB-58	1044.4500	0.0000	0.0000	44.8068	0.0000
CI-57	2659.7069	0.0000	0.0000	51.5685	0.0000
CI-56	2784.0389	0.0000	0.0000	53.4202	0.0000
JB-55	3238.0750	0.0000	0.0000	54.5017	0.0000
CB-114	0.0000	0.0000	0.0000	14.6041	0.0000
CB #116	382.6417	0.0000	0.0000	29.2145	0.0000
CB #115	1958.7062	0.0000	0.0000	44.8932	0.0000
Pond 8	3240.0000	0.0000	0.0000	103819.8755	0.0000
Pond 10	3237.5669	2.4473	0.0000	1230.3885	315.1047
JB-87	3239.5667	0.1167	0.0000	268.7310	73.5761
Pond 9-A	1227.8500	0.0000	0.0000	490736.2700	0.0000
JB #123	2663.9722	0.0000	0.0000	84.8770	0.0000
Pond 9-B	897.7333	0.0000	0.0000	163687.9136	0.0000
Pond 9-C	1470.4500	0.0000	0.0000	293662.4539	0.0000
CI-89	0.0000	0.0000	0.0000	13.8618	0.0000
CI-88	0.0000	0.0000	0.0000	17.5058	0.0000
CI-86	1796.8667	0.0000	0.0000	66.4617	0.0000

CI-85	2076.4000	0.0000	0.0000	70.1040	0.0000
CB-94	1056.6250	0.0000	0.0000	33.8418	0.0000
CB-93	1107.1417	0.0000	0.0000	34.9727	0.4084
CI-92	1395.8667	0.0000	0.0000	47.2862	0.0000
CI-91	1496.9750	0.0000	0.0000	49.1710	0.0000
JB-90	1597.5750	0.0000	0.0000	50.9294	0.0000
CB-49	0.0000	0.0000	0.0000	22.1532	0.0000
CB-48	76.4000	0.0000	0.0000	25.5389	0.0000
CI-47	323.6583	0.0000	0.0000	32.0314	0.0000
CI-46	366.8500	0.0000	0.0000	33.8801	0.0000
CB #54-A	0.0000	0.0000	0.0000	25.7597	0.0000
CB-53	0.0000	0.0000	0.0000	32.2934	0.0000
JB-52	133.7833	0.0000	0.0000	39.0759	0.0000
CI-51A	255.1000	0.0000	0.0000	48.7466	0.0000
JB-50	855.9667	0.0000	0.0000	60.2906	0.0000
CI-51B	0.0000	0.0000	0.0000	10.2935	0.0000
CI-45	0.0000	0.0000	0.0000	3.6983	0.0000
CI-41	3239.3750	0.0000	0.0000	76.6488	0.0000
Pond 1-B	832.3167	0.0000	0.0000	195105.5925	0.0000
CB-40	402.7167	0.0000	0.0000	50.0375	0.0000
CB-39	417.9083	0.0000	0.0000	47.5884	0.0000
CI-38	613.1333	0.0000	0.0000	46.5645	0.0000
CI-37	683.3750	0.0000	0.0000	51.7677	0.0000
CB-34	32.8000	0.0000	0.0000	32.2007	0.0000
CB-33	55.7083	0.0000	0.0000	34.3770	0.0000
CB-32	184.0667	0.0000	0.0000	36.0049	0.0000
CI-31	535.1667	0.0000	0.0000	45.9180	0.0000
CI-30	598.8000	0.0000	0.0000	45.8468	0.0000
JB-29	2721.6458	0.0000	0.0000	61.1673	0.0000
CI-35	0.0000	0.0000	0.0000	8.9134	0.0000
CI-36	0.0000	0.0000	0.0000	10.6688	0.0000
CB-28	0.0000	0.0000	0.0000	13.8345	0.0000
CI-27	9.6500	0.0000	0.0000	20.1794	0.0000
CI-26	67.5750	0.0000	0.0000	20.1934	0.0000
JB-25	151.4167	0.0000	0.0000	20.6809	0.0000
CB-104	2093.4917	21.4750	0.0000	1199.6956	1201.6131
CI-103	2536.7250	0.0000	0.0000	86.4823	0.0000
CI-102	2539.4667	0.0000	0.0000	85.1462	0.0000
JB-101	2541.8917	0.0000	0.0000	79.9780	0.0000
JB-100	2585.8083	0.0000	0.0000	74.1672	0.0000
JB-99	2642.7083	0.0000	0.0000	77.1064	0.0000
Pond 11	891.3250	0.0000	0.0000	274366.6099	0.0000
CB-98	671.9750	0.0000	0.0000	25.0812	0.0000
CI-97	938.2417	0.0000	0.0000	31.1101	0.0000
CI-96	1021.1000	0.0000	0.0000	32.9924	0.0000
JB-95	1081.7417	0.0000	0.0000	34.3697	0.0000
Pond 12	0.0000	0.0000	0.0000	82308.5865	0.0000
JB-109	0.0000	0.0000	0.0000	19.7505	0.0000
CB-108	13.5750	0.0000	0.0000	25.7690	0.0000
CI-107	52.7583	0.0000	0.0000	30.8912	0.0000
CI-106	57.4083	0.0000	0.0000	30.9496	0.0000
JB-105	87.6917	0.0000	0.0000	33.4190	0.0000
Pond 15	9.6667	0.0000	0.0000	38133.9857	0.0000
Pond 13	0.0000	0.0000	0.0000	149608.2883	0.0000
Node137	0.0000	0.0000	0.0000	54.1130	0.0000
CB-112	585.0202	61.9583	0.1743	486.7519	947.3400
CB-111	3238.9265	30.3583	0.0000	163.8400	206.6879
CB-110	3239.7583	0.0083	0.0000	69.7988	1.2453
OS 13	0.0000	0.0000	0.0000	33.0212	0.0000
OS 20	0.0000	0.0000	0.0000	56.3582	0.0000
CB-44	1293.0722	0.0000	0.0000	55.1097	0.0000
JB-42	2734.6390	0.0000	0.0000	60.6649	0.0000
JB-43	3233.2394	0.0000	0.0000	62.4935	0.0000
OS #113	0.0000	0.0000	0.0000	12.7139	0.0000
N-33A	0.0000	0.0000	0.0000	14.8769	0.0000
N-33B	30.4667	0.0000	0.0000	33.6863	0.0000
N-33C	18.1250	0.0000	0.0000	38.5284	0.0000
N-33D	65.5417	0.0000	0.0000	46.4587	0.0000
N-33E	179.9667	0.0000	0.0000	46.1090	0.0000
CB #120	0.0000	0.0000	0.0000	19.4879	0.0000
OS #5	0.0000	0.0000	0.0000	67.7336	0.0000
JB #13	0.0000	0.0000	0.0000	42.2071	0.0000
CI #19-D	0.0000	0.0000	0.0000	6.3965	0.0000
CI #19-C	0.0000	0.0000	0.0000	8.8654	0.0000
JB #62	0.0000	0.0000	0.0000	69.3965	0.0000
JB #65	0.0000	0.0000	0.0000	12.4955	0.0000
JB #10	0.0000	0.0000	0.0000	48.5698	0.0000

CB #126	0.0000	0.0000	0.0000	5.7063	0.0000
CB #125	0.0000	0.0000	0.0000	7.1393	0.0000
CB #122	66.6917	0.0000	0.0000	19.5644	0.0000
JB #121	246.9667	0.0000	0.0000	26.8329	0.0000
JB #113-B	2547.0722	0.0000	0.0000	79.6474	0.0000
OS #117	1471.4750	0.0000	0.0000	73.7516	0.0000
CI #54-C	0.0000	0.0000	0.0000	9.2920	0.0000
CI #54-B	0.0000	0.0000	0.0000	12.9345	0.0000
JB #50-B	352.4667	0.0000	0.0000	52.6349	0.0000
Node43D	0.0000	0.0000	0.0000	7.0225	0.0000
Node43C	0.0000	0.0000	0.0000	6.6966	0.0000
Node274	420.3583	0.0000	0.0000	51.5760	0.0000
Node275	306.6667	0.0000	0.0000	50.7191	0.0000
Node276	35.0833	0.0000	0.0000	27.4968	0.0000
Node277					

```
#####
# Table E22. Numerical Model judgement section #
#####
```

```
Overall error was (minimum of Table E18 & E21)          0.3813 percent
Worst nodal error was in node 52                        with          4.0568 percent
Of the total inflow this loss was                      0.5520 percent
Your overall continuity error was                       Excellent
                                                         Excellent Efficiency
Efficiency of the simulation                            1.33
Most Number of Non Convergences at one Node            32.
Total Number Non Convergences at all Nodes             46.
Total Number of Nodes with Non Convergences           5.
```

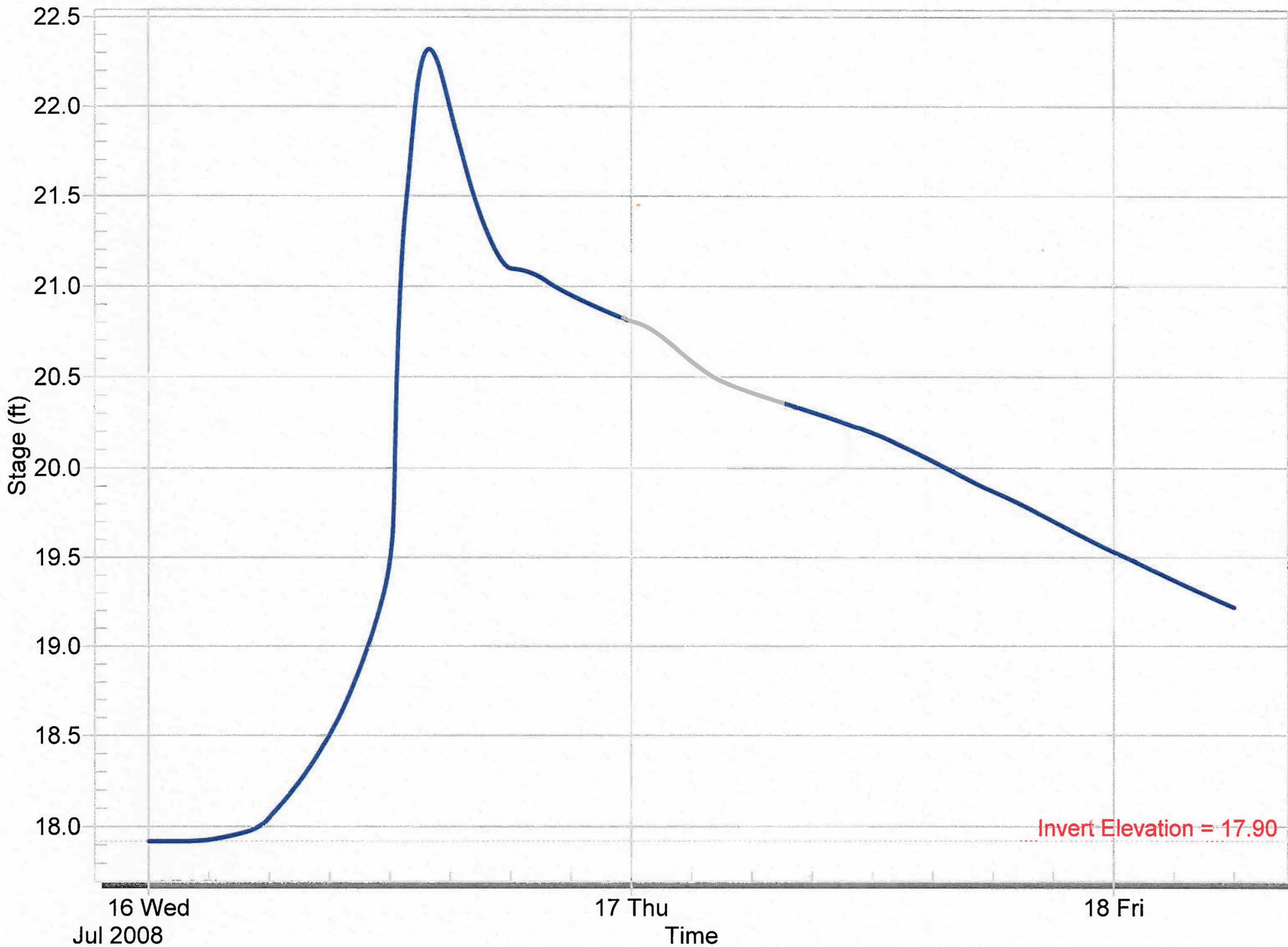
```
====> Hydraulic model simulation ended normally.
====> XP-SWMM Simulation ended normally.
====> Your input file was named : Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Proposed\Old S Course
Proj\Detail\LPA WS Data_Total-25Yr.DAT
====> Your output file was named : Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Proposed\Old S Course
Proj\Detail\LPA WS Data_Total-25Yr.out
```

```
*=====
|           SWMM Simulation Date and Time Summary           |
*=====
| Starting Date... July      22, 2008  Time...  11:32: 1:30 |
| Ending Date...  July      22, 2008  Time...  11:57: 7:21 |
| Elapsed Time...  25.09850 minutes or  1505.91000 seconds |
*=====
```

19.5167	0.0000	0.0000	28.6424	0.0000
---------	--------	--------	---------	--------

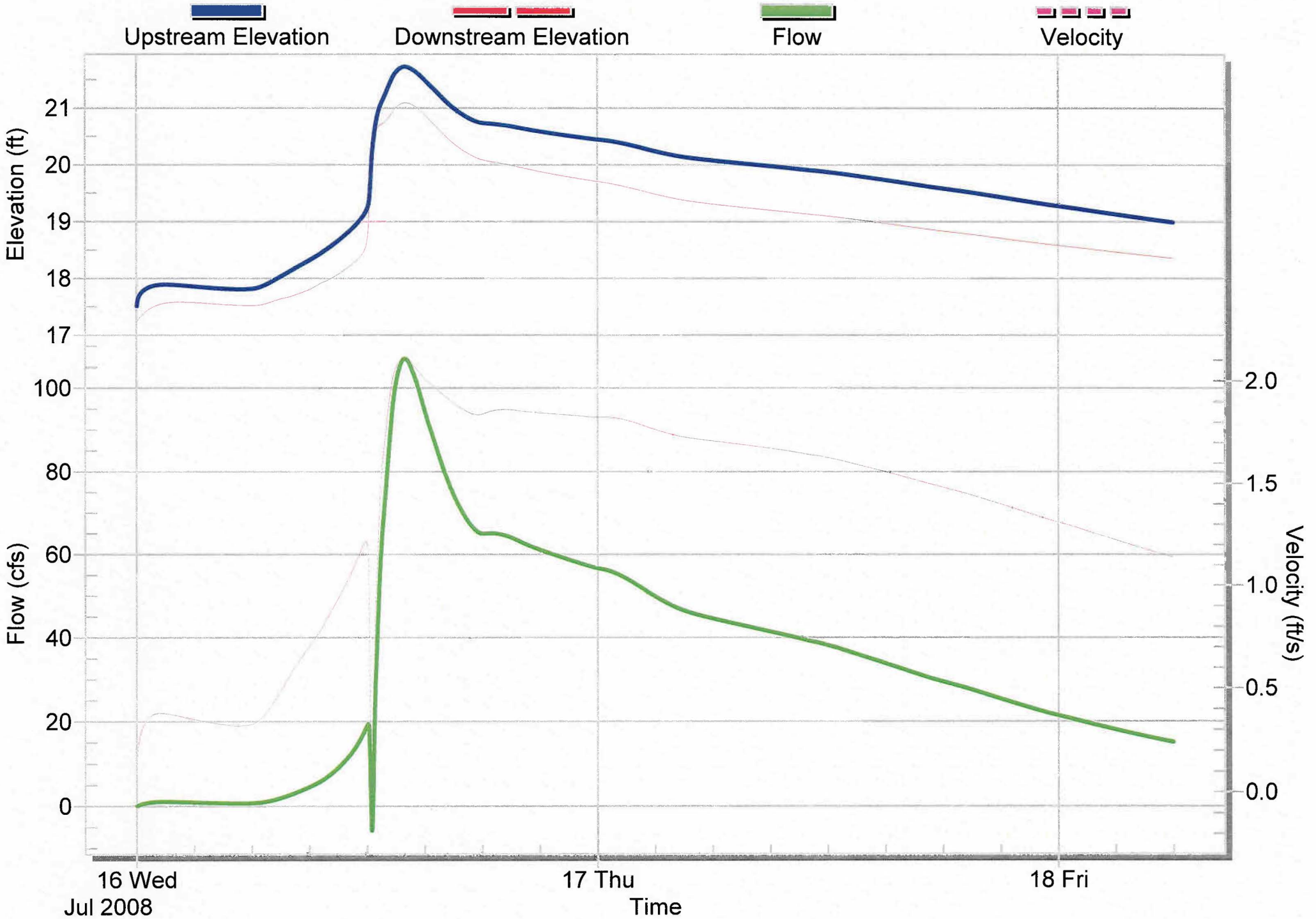
Proposed Development: Upstream of Node - 21 @ Glens Bay Road

25-Year Storm w/ Max Stage = 22.301



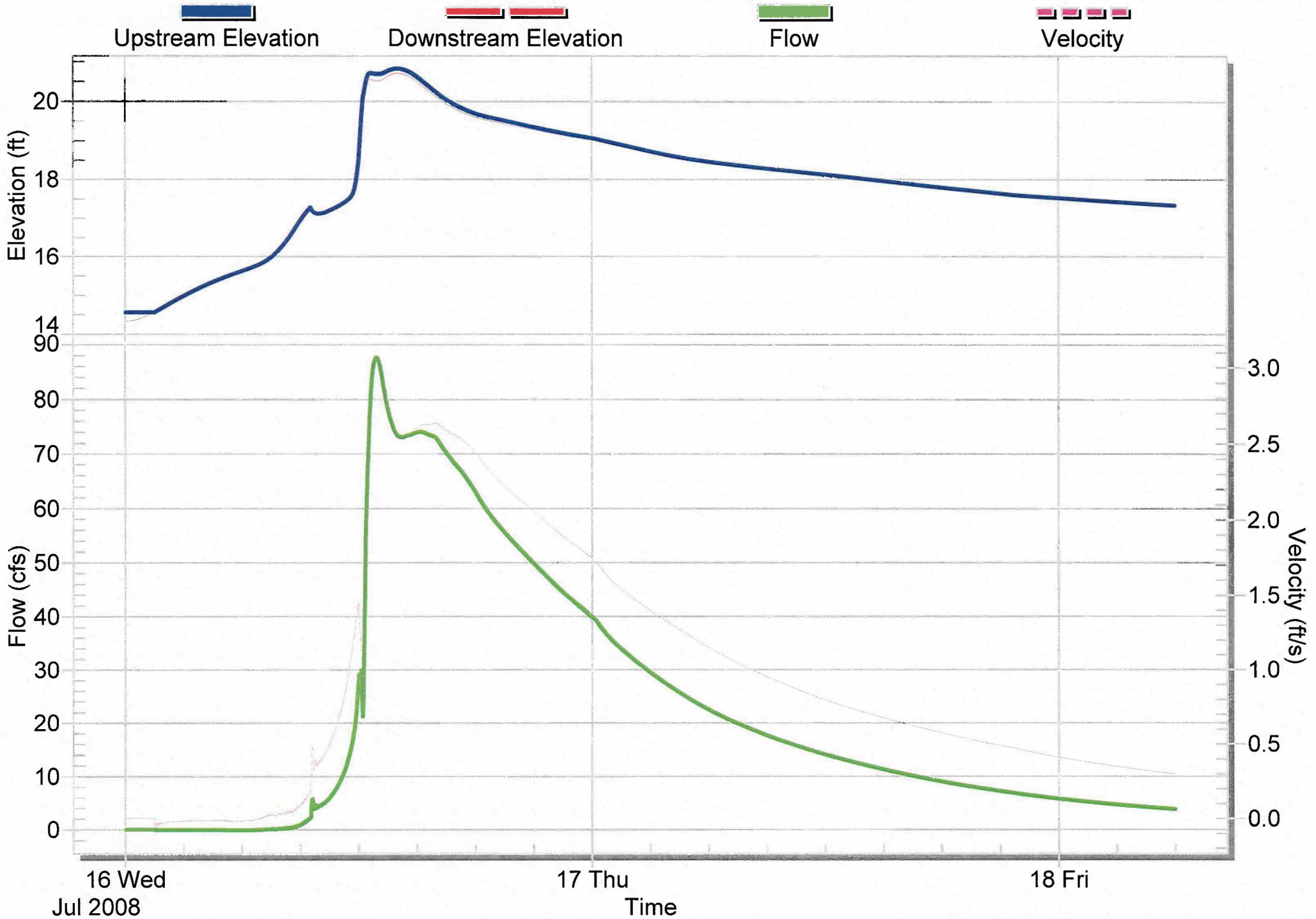
Proposed Development: Conduit XS #7b (Downstream of Glens Bay Road) from Node137 to 25

25-Year Storm w/ Max Flow = 107.0005 & Max Velocity = 2.09



Proposed Development: Conduit Link51 (Discharge From Caropines Deerfield) from CB-00 to 27

25-Year Storm w/ Max Flow = 87.6296 & Max Velocity = 3.06



Proposed Development: Node - New Pond

25-Year Storm w/ Max Stage = 20.584

