```
#######################################################
# 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 #1	1	2	21.10	20.70	25.86	26.09	Natural
XS #2	4	6	18.53	18.40	25.48	25.44	Natural
XS #3	6	63	18.40	18.40	25.44	25.33	Natural
XS #4	8	15	18.30	18.20	25.33	25.33	Natural
XS #5	17	19	18.10	18.00	25.33	25.35	Natural
XS #6	19	21	18.00	17.90	25.35	25.35	Natural
XS #7	23	25	17.50	17.20	24.20	23.80	Natural
XS #8	25	27	17.20	15.60	23.80	23.70	Natural
XS #9	30	27	16.20	15.60	23.60	23.70	Natural
XS #10	32	34	16.30	15.30	22.90	22.89	Natural
STUB	34	36	15.30	14.80	22.89	20.08	Circular
FRONTAGE	36	38	14.80	13.30	20.08	19.74	Circular
HWY 17 S	38	41	13.30	11.60	19.74	19.28	Circular
HWY 17 N	41	45	11.60	9.900	19.28	18.79	Circular
PARKINGLOT	48	45	9.900	9.100	18.22	18.79	Circular
TO LAKE	Lk-Elzbth	48	9.900	9.600	12.83 -	18.22	Circular
SOUTH BAY	72	54	21.60	20.60	24.65	24.60	Natural
58	1	54	21.10	20.60	25.86	24.60	Natural
61	56	55	22.50	22.10	26.00	25.60	Natural
62	55	1	22.10	21.10	25.60	25.86	Natural
XS #3a	63	8	18.40	18.30	25.33	25.33	Natural
XS MALLARD	64	63	20.41	18.40	25.55	25.33	Natural
80	78	68	21.50	20.96	24.00	26.02	Natural
Ex 54"CMP	73b	Dgwood Lk	5.430	5.220	10.75	7.805	Circular
Clvt 10	44b	Dgwood Lk	6.230	5.420	7.797	7.805	Rectangle
Palmto Lk	44b	46b	6.230	5.460	7.797	7.754	Natural
Clvt 7	46b	48b	5.460	5.170	7.754	7.690	Circular
Chan A	48b	50b	5.510	5.170	7.690	7.412	Natural
Clvt 6	50b	52b	5.510	5.350	7.412	7.274	Circular
Chan B	52b	54b	5.350	4.520	7.274	6.928	Natural
Clvt 5	54b	56b	4.520	4.380	6.928	6.858	Circular
Chan C	Myrtle Lk	56b	4.500	4.380	5.925	6.858	Natural
Chan D	Holly Lk	63b	4.750	4.330	6.168	6.117	Trapezoid
Oak Clvt	63b	65b	4.330	4.240	6.117	6.034	Rectangle
Chan E	65b	Myrtle Lk	4.240	4.200	6.034	5.925	Trapezoid
Clvt2 Out	60b	69b	2.570	2.510	4.629	4.151	Rectangle
Clvt1 Out	38b	71b	4.200	3.100	7.689	5.361	Rectangle
124	27	123	15.60	15.30	23.70	23.78	Trapezoid
Spanish1	4	2	18.53	18.41	25.48	26.09	Circular
IndianDr1	15	17	18.20	18.10	25.33	25.33	Circular
2042" RCP	21	23	17.90	17.50	25.35	24.20	Circular
Driveway1	32	30	16.30	16.20	22.90	23.60	Circular
2024"	68	64	20.96	20.41	26.02	25.55	Circular
36" RCP	125	123	16.82	16.78	24.44	23.78	Circular
48" RCP	125	123	15.50	15.30	24.44	23.78	Circular

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 System Flooded Volume	Maximum Volume	Stored in System Ponding Allowed Flood Pond Volume
1	0.0000	0.0000	0.0000	59.7765	0.0000
2	0.0000	0.0000	0.0000	96.4977	0.0000
4	715.4440	0.0000	0.0000	87.2787	0.0000
6	742.6007	0.0000	0.0000	88.4191	0.0000
8	524.2151	0.0000	0.0000	88.3462	0.0000
15	0.0000	0.0000	0.0000	89.5889	0.0000
17	19.4369	0.0000	0.0000	90.7910	0.0000
19	80.7453	0.0000	0.0000	92.4227	0.0000
21	0.0000	0.0000	0.0000	389519.014	0.0000
23	0.0000	0.0000	0.0000	84.1859	0.0000
25	0.0000	0.0000	0.0000	82.8929	0.0000
27	0.0000	0.0000	0.0000	122366.957	0.0000
30	493.9558	322.8420	3314905.8186	92.9884	0.0000
32	0.0000	0.0000	0.0000	82.9288	0.0000
34	17.4823	17.4968	0.0000	1832.6990	0.0000
36	0.0000	0.0000	0.0000	66.3884	0.0000
38	16.9538	0.0000	0.0000	80.9342	0.0000
41	33.9406	0.0000	0.0000	96.5459	0.0000
45	53.4663	0.0000	0.0000	121.8238	0.0000
48	46.1873	0.0000	0.0000	108.2994	0.0000
52	0.0000	0.0000	0.0000	1270257.285	0.0000
54	0.0000	459.4317	1213209.0496	50.2640	0.0000
55	0.0000	258.4464	752622.3576	43.9810	0.0000
56	0.0000	196.1797	1076735.2361	43.9810	0.0000
63	732.3978	50.6803	180191.1162	87.0824	0.0000
64	278.7801	0.0000	0.0000	64.6122	0.0000
68	68.2609	68.2681	0.0000	5399.7661	0.0000
72	0.0000	0.0000	0.0000	38.3680	0.0000
76	0.0000	0.0000	0.0000	524701.391	0.0000
78	0.0000	312.0750	293264.6718	31.4150	0.0000
Lk-Elzbth	0.0000	0.0000	0.0000	1992603.187	0.0000
Dgwood Lk	0.0000	0.0000	0.0000	2515148.040	0.0000
38b	0.0000	0.0000	0.0000	43.8390	0.0000
44b	0.0000	0.0000	0.0000	19.6895	0.0000
46b	0.0000	0.0000	0.0000	28.8272	0.0000
48b	0.0000	0.0000	0.0000	31.6719	0.0000
50b	0.0000	0.0000	0.0000	28.1733	0.0000
52b	0.0000	0.0000	0.0000	24.1785	0.0000
54b	0.0000	0.0000	0.0000	30.2638	0.0000
56b	0.0000	0.0000	0.0000	31.1422	0.0000
Myrtle Lk	0.0000	0.0000	0.0000	91925.2764	0.0000
60b	0.0000	0.0000	0.0000	25.8706	0.0000
Holly Lk	0.0000	0.0000	0.0000	79485.2791	0.0000
63b	0.0000	0.0000	0.0000	22.4519	0.0000
65b	0.0000	0.0000	0.0000	22.5399	0.0000
69b	0.0000	0.0000	0.0000	20.6222	0.0000
71b	0.0000	0.0000	0.0000	28.4055	0.0000
73b	17.0000	0.0000	0.0000	66.8943	0.0000
123	570.4101	0.0000	0.0000	106.5525	0.0000
125	470.8562	471.2143	0.0000	22417.7311	0.0000

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 #1	550.00	Natural	100.67	0.03500	50.00	4.91		
2	XS #2	431.00	Natural	89.71	0.03000	46.39	4.95		
3	XS #3	191.00	Natural	81.11	0.03000	45.03	4.93		
4	XS #4	130.00	Natural	99.88	0.03000	57.76	5.62		
5	XS #5	1089.00	Natural	130.11	0.03000	44.40	7.20		
6	XS #6	586.00	Natural	161.13	0.03000	60.60	6.34		
7	XS #7	1608.00	Natural	181.54	0.03000	41.07	9.11		
8	XS #8	761.00	Natural	172.35	0.03000	51.30	8.77		
9	XS #9	75.00	Natural	124.19	0.03000	37.81	6.90		
10	XS #10	446.00	Natural	170.10	0.03000	44.08	7.46		
11	STUB	8.00	Circular	19.63	0.01300	5.00	5.00		
12	FRONTAGE	66.00	Circular	28.27	0.01300	6.00	6.00		
13	HWY 17 S	75.00	Circular	28.27	0.01300	6.00	6.00		
14	HWY 17 N	77.00	Circular	28.27	0.01300	6.00	6.00		
15	PARKINGLOT	73.00	Circular	28.27	0.01300	6.00	6.00		
16	TO LAKE	175.00	Circular	28.27	0.01300	6.00	6.00		
17	SOUTH BAY	1800.00	Natural	62.50	0.03000	50.00	4.00		
18	58	1490.00	Natural	52.60	0.03000	50.00	3.40		
19	61	350.00	Natural	49.50	0.03000	50.00	3.50		
20	62	1300.00	Natural	49.20	0.03500	50.00	3.30		
21	XS #3a	66.00	Natural	87.00	0.03000	67.00	4.90		
22	XS MALLARD	158.00	Natural	40.31	0.03000	25.00	4.20		
23	80	150.00	Natural	18.00	0.03000	39.00	2.50		
24	Ex 54"CMP	50.00	Circular	15.90	0.02400	4.50	4.50		
25	Clvt 10	42.00	Rectangle	40.50	0.01500	13.50	3.00		
26	Palmto Lk	700.00	Natural	172.00	0.05000	56.00	4.50		
27	Clvt 7	41.00	Circular	12.57	0.01300	4.00	4.00		
28	Chan A	270.00	Natural	54.55	0.05000	23.95	4.90		
29	Clvt 6	41.00	Circular	12.57	0.01300	4.00	4.00		
30	Chan B	210.00	Natural	58.35	0.05000	20.00	5.30		
31	Clvt 5	42.00	Circular	12.57	0.01300	4.00	4.00		
32	Chan C	400.00	Natural	43.50	0.05000	28.00	4.00		
33	Chan D	150.00	Trapezoid	81.25	0.02000	25.00	3.25	0.00	0.00
34	Oak Clvt	35.00	Rectangle	24.00	0.01300	8.00	3.00		
35	Chan E	150.00	Trapezoid	106.19	0.03000	25.00	3.70	1.00	1.00
36	Clvt2 Out	40.00	Rectangle	32.00	0.01300	8.00	4.00		
37	Clvt1 Out	50.00	Rectangle	28.00	0.01300	7.00	4.00		
38	124	200.00	Trapezoid	140.00	0.03500	13.00	7.00	1.00	1.00
39	Spanish1	45.00	Circular	7.07	0.01300	3.00	3.00		
40	IndianDr1	42.00	Circular	7.07	0.01300	3.00	3.00		
41	2042" RCP	64.00	Circular	9.62	0.01300	3.50	3.50		
42	Driveway1	59.00	Circular	28.27	0.01300	6.00	6.00		
43	2024"	40.00	Circular	3.14	0.01300	2.00	2.00		
44	36" RCP	40.00	Circular	7.07	0.01300	3.00	3.00		
45	48" RCP	40.00	Circular	12.57	0.01300	4.00	4.00		

Total length of all conduits .... 14406.0000 feet

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*****************************************************
# Table E16. New Conduit Information Section        #
#            Conduit Invert (IE) Elevation and Conduit #
#            Maximum Water Surface (WS) Elevations     #
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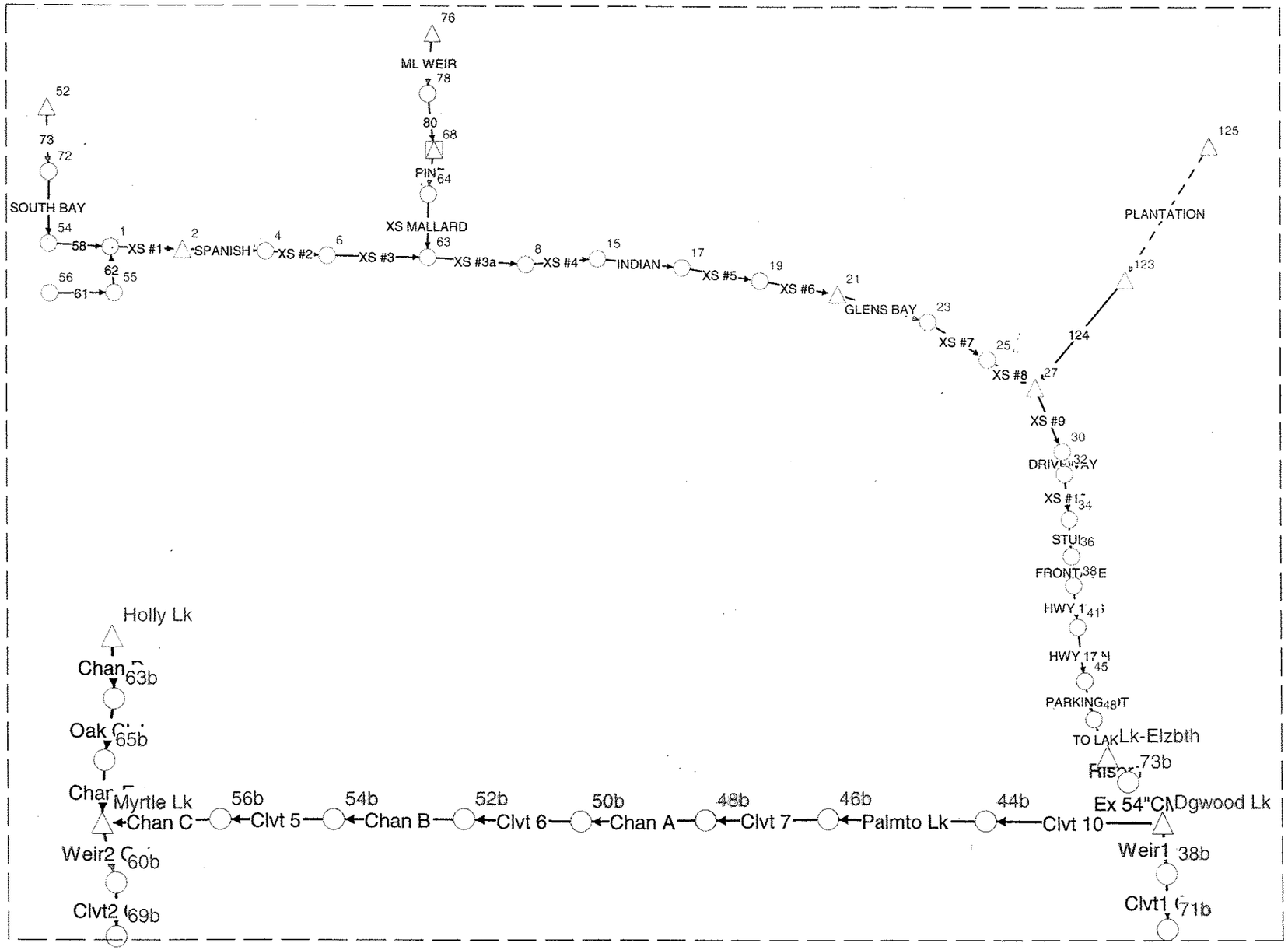
Conduit Name	Upstream Node	Downstream Node	IE Up	IE Dn	WS Up	WS Dn	Conduit Type
XS #1	1	2	21.10	20.70	26.01	26.37	Natural
XS #2	4	6	18.53	18.40	25.66	25.55	Natural
XS #3	6	60	18.40	18.40	25.55	25.33	Natural
XS #4	8	15	18.30	18.20	25.33	25.34	Natural
XS #5	17	19	18.10	18.00	25.58	25.77	Natural
XS #6	19	21	18.00	17.90	25.77	25.77	Natural
XS #7	23	25	17.50	17.20	24.32	23.84	Natural
XS #8	25	27	17.20	15.60	23.84	23.72	Natural
XS #9	30	27	16.20	15.60	23.60	23.72	Natural
XS #10	32	34	16.30	15.30	23.23	23.20	Natural
STUB	34	36	15.30	14.80	23.20	19.73	Circular
FRONTAGE	36	38	14.80	13.30	19.73	19.18	Circular
HWY 17 S	38	41	13.30	11.60	19.18	18.68	Circular
HWY 17 N	41	45	11.60	9.900	18.68	17.99	Circular
PARKINGLOT	48	45	9.900	9.100	17.34	17.99	Circular
TO LAKE	Lk-Elzbth	48	9.900	9.600	13.29	17.34	Circular
SOUTH BAY	72	54	21.60	20.60	24.91	24.60	Natural
58	1	54	21.10	20.60	26.01	24.60	Natural
61	56	55	22.50	22.10	26.00	25.60	Natural
62	55	1	22.10	21.10	25.60	26.01	Natural
XS #3a	63	8	18.40	18.30	25.33	25.33	Natural
XS MALLARD	64	63	20.41	18.40	25.67	25.33	Natural
80	78	68	21.50	20.96	24.00	26.13	Natural
Ex 54"CMP	73b	Dgwood Lk	5.430	5.220	10.75	8.228	Circular
Clvt 10	44b	Dgwood Lk	6.230	5.420	8.218	8.228	Rectangle
Palmto Lk	44b	46b	6.230	5.460	8.218	8.179	Natural
Clvt 7	46b	48b	5.460	5.170	8.179	8.094	Circular
Chan A	48b	50b	5.510	5.170	8.094	7.787	Natural
Clvt 6	50b	52b	5.510	5.350	7.787	7.624	Circular
Chan B	52b	54b	5.350	4.520	7.624	7.267	Natural
Clvt 5	54b	56b	4.520	4.380	7.267	7.168	Circular
Chan C	Myrtle Lk	56b	4.500	4.380	6.184	7.168	Natural
Chan D	Holly Lk	63b	4.750	4.330	6.481	6.428	Trapezoid
Oak Clvt	63b	65b	4.330	4.240	6.428	6.312	Rectangle
Chan E	65b	Myrtle Lk	4.240	4.200	6.312	6.184	Trapezoid
Clvt2 Out	60b	69b	2.570	2.510	5.078	4.513	Rectangle
Clvt1 Out	38b	71b	4.200	3.100	8.144	5.592	Rectangle
124	27	123	15.60	15.30	23.72	23.80	Trapezoid
Spanish1	4	2	18.53	18.41	25.66	26.37	Circular
IndianDr1	15	17	18.20	18.10	25.34	25.58	Circular
2@42" RCP	21	23	17.90	17.50	25.77	24.32	Circular
Driveway1	32	30	16.30	16.20	23.23	23.60	Circular
2@24"	68	64	20.96	20.41	26.13	25.67	Circular
36" RCP	125	123	16.82	16.78	24.56	23.80	Circular
48" RCP	125	123	15.50	15.30	24.56	23.80	Circular

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 System Flooded Volume	Maximum Volume	Stored in System Ponding Allowed Flood Pond Volume
1	0.0000	28.2600	43515.6914	61.6991	0.0000
2	49.8595	49.8734	0.0000	3012.8631	0.0000
4	831.0750	0.0000	0.0000	89.5786	0.0000
6	852.1387	0.0000	0.0000	89.8045	0.0000
8	584.9153	0.0000	0.0000	88.3745	0.0000
15	0.0000	0.0000	0.0000	89.6688	0.0000
17	142.7785	0.0000	0.0000	94.0435	0.0000
19	163.1032	0.0000	0.0000	97.6688	0.0000
21	0.0000	0.0000	0.0000	482575.067	0.0000
23	0.0000	0.0000	0.0000	85.7114	0.0000
25	0.0000	0.0000	0.0000	83.3801	0.0000
27	0.0000	0.0000	0.0000	122698.737	0.0000
30	493.8875	395.9651	4932802.0795	92.9884	0.0000
32	0.0000	0.0000	0.0000	87.0353	0.0000
34	44.2793	44.2863	0.0000	8557.2670	0.0000
36	0.0000	0.0000	0.0000	61.9755	0.0000
38	0.0000	0.0000	0.0000	73.8722	0.0000
41	39.7793	0.0000	0.0000	88.9436	0.0000
45	62.2637	0.0000	0.0000	111.7314	0.0000
48	57.2453	0.0000	0.0000	97.2801	0.0000
52	0.0000	0.0000	0.0000	1424604.532	0.0000
54	0.0000	578.5570	2189603.7481	50.2640	0.0000
55	0.0000	304.3222	1008206.1465	43.9810	0.0000
56	0.0000	235.1032	1578633.6204	43.9810	0.0000
63	844.3788	180.6276	703734.9929	87.0824	0.0000
64	331.4875	22.0764	7137.1104	66.0972	0.0000
68	85.8919	85.8992	0.0000	9333.4916	0.0000
72	0.0000	0.0000	0.0000	41.5579	0.0000
76	0.0000	0.0000	0.0000	551154.780	0.0000
78	0.0000	364.3938	374515.7832	31.4150	0.0000
Lk-Elzbth	0.0000	0.0000	0.0000	2191288.953	0.0000
Dgwood Lk	0.0000	0.0000	0.0000	2819597.329	0.0000
38b	0.0000	0.0000	0.0000	49.5601	0.0000
44b	0.0000	0.0000	0.0000	24.9811	0.0000
46b	0.0000	0.0000	0.0000	34.1643	0.0000
48b	0.0000	0.0000	0.0000	36.7381	0.0000
50b	0.0000	0.0000	0.0000	32.8899	0.0000
52b	0.0000	0.0000	0.0000	28.5757	0.0000
54b	0.0000	0.0000	0.0000	34.5210	0.0000
56b	0.0000	0.0000	0.0000	35.0382	0.0000
Myrtle Lk	0.0000	0.0000	0.0000	108755.327	0.0000
60b	0.0000	0.0000	0.0000	31.5128	0.0000
Holly Lk	0.0000	0.0000	0.0000	101902.750	0.0000
63b	0.0000	0.0000	0.0000	26.3617	0.0000
65b	0.0000	0.0000	0.0000	26.0400	0.0000
69b	0.0000	0.0000	0.0000	25.1651	0.0000
71b	0.0000	0.0000	0.0000	31.3196	0.0000
73b	141.0362	0.0000	0.0000	66.8943	0.0000
123	601.6343	136.5921	242027.0573	106.8110	0.0000
125	457.8955	458.0333	0.0000	40971.2819	0.0000

APPENDIX E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80
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XS MALLARD
63
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73
72
SOUTH BAY
54
58
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XS #1
2
SPANISH
4
XS #2
6
XS #3
XS #3a
8
XS #4
15
INDIAN
17
XS #5
19
XS #6
21
GLENS BAY
23
XS #7
25
XS #8
27
XS #9
30
DRIVEWAY
32
XS #1
34
STU
36
FRONT
38
E
HWY 1
41
HWY 17 N
45
PARKING
48
T
TO LAK
Lk-Elzbth
73b
Ex 54"CM
Dgwood Lk
Weir1
38b
Clvt1
71b
125
PLANTATION
123
124
56
61
62
55
Holly Lk
Chan
63b
Oak
65b
Char
Myrtle Lk
Chan C
56b
Clvt 5
54b
Chan B
52b
Clvt 6
50b
Chan A
48b
Clvt 7
46b
Palmto Lk
44b
Clvt 10
Weir2
60b
Clvt2
69b

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 #1	550.00	Natural	100.67	0.03500	50.00	4.91		
2	XS #2	431.00	Natural	89.71	0.03000	46.39	4.95		
3	XS #3	191.00	Natural	81.11	0.03000	45.03	4.93		
4	XS #4	130.00	Natural	99.88	0.03000	57.76	5.62		
5	XS #5	1089.00	Natural	130.11	0.03000	44.40	7.20		
6	XS #6	586.00	Natural	161.13	0.03000	60.60	6.34		
7	XS #7	1608.00	Natural	181.54	0.03000	41.07	9.11		
8	XS #8	761.00	Natural	172.35	0.03000	51.30	8.77		
9	XS #9	75.00	Natural	124.19	0.03000	37.81	6.90		
10	XS #10	446.00	Natural	170.10	0.03000	44.08	7.46		
11	STUB	8.00	Circular	19.63	0.01300	5.00	5.00		
12	FRONTAGE	66.00	Circular	28.27	0.01300	6.00	6.00		
13	HWY 17 S	75.00	Circular	28.27	0.01300	6.00	6.00		
14	HWY 17 N	77.00	Circular	28.27	0.01300	6.00	6.00		
15	PARKINGLOT	73.00	Circular	28.27	0.01300	6.00	6.00		
16	TO LAKE	175.00	Circular	28.27	0.01300	6.00	6.00		
17	SOUTH BAY	1800.00	Natural	62.50	0.03000	50.00	4.00		
18	58	1490.00	Natural	52.60	0.03000	50.00	3.40		
19	61	350.00	Natural	49.50	0.03000	50.00	3.50		
20	62	1300.00	Natural	49.20	0.03500	50.00	3.30		
21	XS #3a	66.00	Natural	87.00	0.03000	67.00	4.90		
22	XS MALLARD	158.00	Natural	40.31	0.03000	25.00	4.20		
23	80	150.00	Natural	18.00	0.03000	39.00	2.50		
24	Ex 54"CMP	50.00	Circular	15.90	0.02400	4.50	4.50		
25	Clvt 10	42.00	Rectangle	40.50	0.01500	13.50	3.00		
26	Palmto Lk	700.00	Natural	172.00	0.05000	56.00	4.50		
27	Clvt 7	41.00	Circular	12.57	0.01300	4.00	4.00		
28	Chan A	270.00	Natural	54.55	0.05000	23.95	4.90		
29	Clvt 6	41.00	Circular	12.57	0.01300	4.00	4.00		
30	Chan B	210.00	Natural	58.35	0.05000	20.00	5.30		
31	Clvt 5	42.00	Circular	12.57	0.01300	4.00	4.00		
32	Chan C	400.00	Natural	43.50	0.05000	28.00	4.00		
33	Chan D	150.00	Trapezoid	81.25	0.02000	25.00	3.25	0.00	0.00
34	Oak Clvt	35.00	Rectangle	24.00	0.01300	8.00	3.00		
35	Chan E	150.00	Trapezoid	106.19	0.03000	25.00	3.70	1.00	1.00
36	Clvt2 Out	40.00	Rectangle	32.00	0.01300	8.00	4.00		
37	Clvt1 Out	50.00	Rectangle	28.00	0.01300	7.00	4.00		
38	124	200.00	Trapezoid	140.00	0.03500	13.00	7.00	1.00	1.00
39	Spanish1	45.00	Circular	7.07	0.01300	3.00	3.00		
40	IndianDr1	42.00	Circular	7.07	0.01300	3.00	3.00		
41	2@42" RCP	64.00	Circular	9.62	0.01300	3.50	3.50		
42	Driveway1	59.00	Circular	28.27	0.01300	6.00	6.00		
43	2@24"	40.00	Circular	3.14	0.01300	2.00	2.00		
44	36" RCP	40.00	Circular	7.07	0.01300	3.00	3.00		
45	48" RCP	40.00	Circular	12.57	0.01300	4.00	4.00		

Total length of all conduits .... 14406.0000 feet

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#######################################################
# Table E16. New Conduit Information Section          #
#            Conduit Invert (IE) Elevation and Conduit #
#            Maximum Water Surface (WS) Elevations    #
#######################################################
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Conduit Name	Upstream Node	Downstream Node	IE Up	IE Dn	WS Up	WS Dn	Conduit Type
XS #1	1	2	21.10	20.70	24.18	22.88	Natural
XS #2	4	6	18.53	18.40	22.60	22.55	Natural
XS #3	6	63	18.40	18.40	22.55	22.70	Natural
XS #4	8	15	18.30	18.20	22.71	22.71	Natural
XS #5	17	19	18.10	18.00	22.95	23.27	Natural
XS #6	19	21	18.00	17.90	23.27	23.27	Natural
XS #7	23	25	17.50	17.20	22.43	21.01	Natural
XS #8	25	27	17.20	15.60	21.01	20.95	Natural
XS #9	30	27	16.20	15.60	20.93	20.95	Natural
XS #10	32	34	16.30	15.30	20.34	20.40	Natural
STUB	34	36	15.30	14.80	20.40	18.99	Circular
FRONTAGE	36	38	14.80	13.30	18.99	19.10	Circular
HWY 17 S	38	41	13.30	11.60	19.10	19.04	Circular
HWY 17 N	41	45	11.60	9.900	19.04	18.76	Circular
PARKINGLOT	48	45	9.900	9.100	18.45	18.76	Circular
TO LAKE	Lk-Elzbth	48	9.900	9.600	11.59	18.45	Circular
SOUTH BAY	72	54	21.60	20.60	24.20	24.19	Natural
58	1	54	21.10	20.60	24.18	24.19	Natural
61	56	55	22.50	22.10	26.00	25.60	Natural
62	55	1	22.10	21.10	25.60	24.18	Natural
XS #3a	63	8	18.40	18.30	22.70	22.71	Natural
XS MALLARD	64	63	20.41	18.40	22.77	22.70	Natural
80	78	68	21.50	20.96	23.98	24.30	Natural
Ex 54"CMP	73b	Dgwood Lk	5.430	5.220	10.75	7.396	Circular
Clvt 10	44b	Dgwood Lk	6.230	5.420	7.388	7.396	Rectangle
Palmto Lk	44b	46b	6.230	5.460	7.388	7.339	Natural
Clvt 7	46b	48b	5.460	5.170	7.339	7.290	Circular
Chan A	48b	50b	5.510	5.170	7.290	7.041	Natural
Clvt 6	50b	52b	5.510	5.350	7.041	6.918	Circular
Chan B	52b	54b	5.350	4.520	6.918	6.590	Natural
Clvt 5	54b	56b	4.520	4.380	6.590	6.541	Circular
Chan C	Myrtle Lk	56b	4.500	4.380	5.751	6.541	Natural
Chan D	Holly Lk	63b	4.750	4.330	5.960	5.910	Trapezoid
Oak Clvt	63b	65b	4.330	4.240	5.910	5.846	Rectangle
Chan E	65b	Myrtle Lk	4.240	4.200	5.846	5.751	Trapezoid
Clvt2 Out	60b	69b	2.570	2.510	4.328	3.908	Rectangle
Clvt1 Out	38b	71b	4.200	3.100	6.104	4.382	Rectangle
124	27	123	15.60	15.30	20.95	20.95	Trapezoid
Spanish1	4	2	18.53	18.41	22.60	22.88	Circular
IndianDr1	15	17	18.20	18.10	22.71	22.95	Circular
2042" RCP	21	23	17.90	17.50	23.27	22.43	Circular
Driveway1	32	30	16.30	16.20	20.34	20.93	Circular
2024"	68	64	20.96	20.41	24.30	22.77	Circular
36" RCP	125	123	16.82	16.78	21.00	20.95	Circular
48" RCP	125	123	15.50	15.30	21.00	20.95	Circular

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 System Flooded Volume	Maximum Volume	Stored in System Ponding Allowed Flood Pond Volume
1	0.0000	0.0000	0.0000	38.7456	0.0000
2	0.0000	0.0000	0.0000	2137649.606	0.0000
4	0.0000	0.0000	0.0000	51.0829	0.0000
6	0.0000	0.0000	0.0000	52.1365	0.0000
8	0.0000	0.0000	0.0000	55.3617	0.0000
15	0.0000	0.0000	0.0000	56.6547	0.0000
17	0.0000	0.0000	0.0000	60.9356	0.0000
19	0.0000	0.0000	0.0000	66.2204	0.0000
21	0.0000	0.0000	0.0000	35890.0176	0.0000
23	0.0000	0.0000	0.0000	61.8973	0.0000
25	0.0000	0.0000	0.0000	47.8407	0.0000
27	0.0000	0.0000	0.0000	174025.675	0.0000
30	0.0000	0.0000	0.0000	59.4517	0.0000
32	0.0000	0.0000	0.0000	50.7160	0.0000
34	0.0000	0.0000	0.0000	64.1472	0.0000
36	0.0000	0.0000	0.0000	52.6299	0.0000
38	0.0000	0.0000	0.0000	72.8329	0.0000
41	13.4079	0.0000	0.0000	93.5182	0.0000
45	20.3802	0.0000	0.0000	121.4199	0.0000
48	19.4841	0.0000	0.0000	111.1877	0.0000
52	0.0000	0.0000	0.0000	1041628.881	0.0000
54	0.0000	0.0000	0.0000	45.1552	0.0000
55	0.0000	114.3993	26383.9208	43.9810	0.0000
56	0.0000	169.4485	771641.6248	43.9810	0.0000
63	0.0000	0.0000	0.0000	54.0539	0.0000
64	0.0000	0.0000	0.0000	29.6006	0.0000
68	0.0000	0.0000	0.0000	198929.474	0.0000
72	0.0000	0.0000	0.0000	32.7162	0.0000
76	0.0000	0.0000	0.0000	132772.023	0.0000
78	0.0000	0.0000	0.0000	31.1665	0.0000
Lk-Elzbth	0.0000	0.0000	0.0000	1469079.234	0.0000
Dgwood Lk	0.0000	0.0000	0.0000	2220177.419	0.0000
38b	0.0000	0.0000	0.0000	23.9264	0.0000
44b	0.0000	0.0000	0.0000	14.5551	0.0000
46b	0.0000	0.0000	0.0000	23.6055	0.0000
48b	0.0000	0.0000	0.0000	26.6420	0.0000
50b	0.0000	0.0000	0.0000	23.5141	0.0000
52b	0.0000	0.0000	0.0000	19.6984	0.0000
54b	0.0000	0.0000	0.0000	26.0125	0.0000
56b	0.0000	0.0000	0.0000	27.1526	0.0000
Myrtle Lk	0.0000	0.0000	0.0000	80630.4308	0.0000
60b	0.0000	0.0000	0.0000	22.0873	0.0000
Holly Lk	0.0000	0.0000	0.0000	65314.6285	0.0000
63b	0.0000	0.0000	0.0000	19.8599	0.0000
65b	0.0000	0.0000	0.0000	20.1847	0.0000
69b	0.0000	0.0000	0.0000	17.5711	0.0000
71b	0.0000	0.0000	0.0000	16.1151	0.0000
73b	17.0000	0.0000	0.0000	66.8943	0.0000
123	0.0000	0.0000	0.0000	121561.891	0.0000
125	0.0000	0.0000	0.0000	3498543.515	0.0000

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*==========================================*
|          Table E1 - Conduit Data         |
*==========================================*
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Inp Num	Conduit Name	Length (ft)	Conduit Class	Area (ft^2)	Manning Coef.	Max Width (ft)	Depth (ft)	Trapezoid Side Slopes	
1	XS #1	550.00	Natural	100.67	0.03500	50.00	4.91		
2	XS #2	431.00	Natural	89.71	0.03000	46.39	4.95		
3	XS #3	191.00	Natural	81.11	0.03000	45.03	4.93		
4	XS #4	130.00	Natural	99.88	0.03000	57.76	5.62		
5	XS #5	1089.00	Natural	130.11	0.03000	44.40	7.20		
6	XS #6	586.00	Natural	161.13	0.03000	60.60	6.34		
7	XS #7	1608.00	Natural	181.54	0.03000	41.07	9.11		
8	XS #8	761.00	Natural	172.35	0.03000	51.30	8.77		
9	XS #9	75.00	Natural	124.19	0.03000	37.81	6.90		
10	XS #10	446.00	Natural	170.10	0.03000	44.08	7.46		
11	STUB	8.00	Circular	19.63	0.01300	5.00	5.00		
12	FRONTAGE	66.00	Circular	28.27	0.01300	6.00	6.00		
13	HWY 17 S	75.00	Circular	28.27	0.01300	6.00	6.00		
14	HWY 17 N	77.00	Circular	28.27	0.01300	6.00	6.00		
15	PARKINGLOT	73.00	Circular	28.27	0.01300	6.00	6.00		
16	TO LAKE	175.00	Circular	28.27	0.01300	6.00	6.00		
17	SOUTH BAY	1800.00	Natural	62.50	0.03000	50.00	4.00		
18	58	1490.00	Natural	52.60	0.03000	50.00	3.40		
19	61	350.00	Natural	49.50	0.03000	50.00	3.50		
20	62	1300.00	Natural	49.20	0.03500	50.00	3.30		
21	XS #3a	66.00	Natural	87.00	0.03000	67.00	4.90		
22	XS MALLARD	158.00	Natural	40.31	0.03000	25.00	4.20		
23	80	150.00	Natural	18.00	0.03000	39.00	2.50		
24	Ex 54"CMP	50.00	Circular	15.90	0.02400	4.50	4.50		
25	Clvt 10	42.00	Rectangle	40.50	0.01500	13.50	3.00		
26	Palmto Lk	700.00	Natural	172.00	0.05000	56.00	4.50		
27	Clvt 7	41.00	Circular	12.57	0.01300	4.00	4.00		
28	Chan A	270.00	Natural	54.55	0.05000	23.95	4.90		
29	Clvt 6	41.00	Circular	12.57	0.01300	4.00	4.00		
30	Chan B	210.00	Natural	58.35	0.05000	20.00	5.30		
31	Clvt 5	42.00	Circular	12.57	0.01300	4.00	4.00		
32	Chan C	400.00	Natural	43.50	0.05000	28.00	4.00		
33	Chan D	150.00	Trapezoid	81.25	0.02000	25.00	3.25	0.00	0.00
34	Oak Clvt	35.00	Rectangle	24.00	0.01300	8.00	3.00		
35	Chan E	150.00	Trapezoid	106.19	0.03000	25.00	3.70	1.00	1.00
36	Clvt2 Out	40.00	Rectangle	32.00	0.01300	8.00	4.00		
37	Clvt1 Out	50.00	Rectangle	28.00	0.01300	7.00	4.00		
38	124	200.00	Trapezoid	140.00	0.03500	13.00	7.00	1.00	1.00
39	Spanish1	45.00	Circular	7.07	0.01300	3.00	3.00		
40	IndianDr1	42.00	Circular	7.07	0.01300	3.00	3.00		
41	2@42" RCP	64.00	Circular	9.62	0.01300	3.50	3.50		
42	Driveway1	59.00	Circular	28.27	0.01300	6.00	6.00		
43	2@24"	40.00	Circular	1.14	0.01300	2.00	2.00		
44	36" RCP	40.00	Circular	7.07	0.01300	3.00	3.00		
45	48" RCP	40.00	Circular	12.57	0.01300	4.00	4.00		

Total length of all conduits .... 14406.0000 feet

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* Table E16. New Conduit Information Section          *
*            Conduit Invert (IE) Elevation and Conduit *
*            Maximum Water Surface (WS) Elevations     *
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Conduit Name	Upstream Node	Downstream Node	IE Up	IE Dn	WS Up	WS Dn	Conduit Type
XS #1	1	2	21.10	20.70	24.21	23.49	Natural
XS #2	4	6	18.53	18.40	23.11	23.10	Natural
XS #3	6	63	18.40	18.40	23.10	23.11	Natural
XS #4	8	15	18.30	18.20	23.11	23.12	Natural
XS #5	17	19	18.10	18.00	23.43	23.73	Natural
XS #6	19	21	18.00	17.90	23.73	23.73	Natural
XS #7	23	25	17.50	17.20	22.67	21.70	Natural
XS #8	25	27	17.20	15.60	21.70	21.66	Natural
XS #9	30	27	16.20	15.60	21.65	21.66	Natural
XS #10	32	34	16.30	15.30	21.08	21.15	Natural
STUB	34	36	15.30	14.80	21.15	19.53	Circular
FRONTAGE	36	38	14.80	13.30	19.53	19.55	Circular
HWY 17 S	38	41	13.30	11.60	19.56	19.38	Circular
HWY 17 N	41	45	11.60	9.900	19.38	18.97	Circular
PARKINGLOT	48	45	9.900	9.100	18.71	18.97	Circular
TO LAKE	Lk-Elzbth	48	9.900	9.600	11.89	18.71	Circular
SOUTH BAY	72	54	21.60	20.60	24.29	24.25	Natural
58	1	54	21.10	20.60	24.21	24.25	Natural
61	56	55	22.50	22.10	26.00	25.60	Natural
62	55	1	22.10	21.10	25.60	24.21	Natural
XS #3a	63	8	18.40	18.30	23.11	23.11	Natural
XS MALLARD	64	63	20.41	18.40	23.13	23.11	Natural
80	78	68	21.50	20.96	24.00	24.86	Natural
Ex 54"CMP	73b	Dgwood Lk	5.430	5.220	10.75	7.492	Circular
Clvt 10	44b	Dgwood Lk	6.230	5.420	7.485	7.492	Rectangle
Palmto Lk	44b	46b	6.230	5.460	7.485	7.437	Natural
Clvt 7	46b	48b	5.460	5.170	7.437	7.385	Circular
Chan A	48b	50b	5.510	5.170	7.385	7.132	Natural
Clvt 6	50b	52b	5.510	5.350	7.132	7.007	Circular
Chan B	52b	54b	5.350	4.520	7.007	6.675	Natural
Clvt 5	54b	56b	4.520	4.380	6.675	6.621	Circular
Chan C	Myrtle Lk	56b	4.500	4.380	5.915	6.621	Natural
Chan D	Holly Lk	63b	4.750	4.330	6.162	6.110	Trapezoid
Oak Clvt	63b	65b	4.330	4.240	6.110	6.026	Rectangle
Chan E	65b	Myrtle Lk	4.240	4.200	6.026	5.915	Trapezoid
Clvt2 Out	60b	69b	2.570	2.510	4.612	4.138	Rectangle
Clvt1 Out	38b	71b	4.200	3.100	6.629	4.703	Rectangle
124	27	123	15.60	15.30	21.66	21.67	Trapezoid
Spanish1	4	2	18.53	18.41	23.12	23.49	Circular
IndianDr1	15	17	18.20	18.10	23.12	23.43	Circular
2042" RCP	21	23	17.90	17.50	23.73	22.67	Circular
Driveway1	32	30	16.30	16.20	21.08	21.65	Circular
2024"	68	64	20.96	20.41	24.86	23.13	Circular
36" RCP	125	123	16.82	16.78	21.78	21.67	Circular
48" RCP	125	123	15.50	15.30	21.78	21.67	Circular

Alternative 3 - 25 year storm

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 System Flooded Volume	Maximum Volume	Stored in System Ponding Allowed Flood Pond Volume
1	0.0000	0.0000	0.0000	39.1290	0.0000
2	0.0000	0.0000	0.0000	2438016.043	0.0000
4	0.0000	0.0000	0.0000	57.7081	0.0000
6	0.0000	0.0000	0.0000	58.9979	0.0000
8	0.0000	0.0000	0.0000	60.4794	0.0000
15	0.0000	0.0000	0.0000	61.7893	0.0000
17	0.0000	0.0000	0.0000	66.9979	0.0000
19	0.0000	0.0000	0.0000	71.9704	0.0000
21	0.0000	0.0000	0.0000	85479.2781	0.0000
23	0.0000	0.0000	0.0000	65.0273	0.0000
25	0.0000	0.0000	0.0000	56.5848	0.0000
27	0.0000	0.0000	0.0000	199599.181	0.0000
30	0.0000	0.0000	0.0000	68.4466	0.0000
32	0.0000	0.0000	0.0000	60.0751	0.0000
34	0.0000	0.0000	0.0000	73.5730	0.0000
36	0.0000	0.0000	0.0000	59.4933	0.0000
38	8.8021	0.0000	0.0000	78.6058	0.0000
41	18.5364	0.0000	0.0000	97.7908	0.0000
45	24.6508	7.6869	5751.9929	124.0264	0.0000
48	23.6032	0.0000	0.0000	114.4896	0.0000
52	0.0000	0.0000	0.0000	1257026.009	0.0000
54	0.0000	0.0000	0.0000	45.9275	0.0000
55	0.0000	152.6051	32268.9651	43.9810	0.0000
56	0.0000	193.6373	1058515.2487	43.9810	0.0000
63	0.0000	0.0000	0.0000	59.1628	0.0000
64	0.0000	0.0000	0.0000	34.1589	0.0000
68	0.0000	0.0000	0.0000	237183.871	0.0000
72	0.0000	0.0000	0.0000	33.8605	0.0000
76	0.0000	0.0000	0.0000	278719.681	0.0000
78	0.0000	48.7500	21733.5781	31.4150	0.0000
Lk-Elzbth	0.0000	0.0000	0.0000	1591713.965	0.0000
Dgwood Lk	0.0000	0.0000	0.0000	2289615.864	0.0000
38b	0.0000	0.0000	0.0000	30.5231	0.0000
44b	0.0000	0.0000	0.0000	15.7641	0.0000
46b	0.0000	0.0000	0.0000	24.8397	0.0000
48b	0.0000	0.0000	0.0000	27.8346	0.0000
50b	0.0000	0.0000	0.0000	24.6563	0.0000
52b	0.0000	0.0000	0.0000	20.8167	0.0000
54b	0.0000	0.0000	0.0000	27.0756	0.0000
56b	0.0000	0.0000	0.0000	28.1619	0.0000
Myrtle Lk	0.0000	0.0000	0.0000	91295.6551	0.0000
60b	0.0000	0.0000	0.0000	25.6613	0.0000
Holly Lk	0.0000	0.0000	0.0000	79089.8170	0.0000
63b	0.0000	0.0000	0.0000	22.3693	0.0000
65b	0.0000	0.0000	0.0000	22.4442	0.0000
69b	0.0000	0.0000	0.0000	20.4545	0.0000
71b	0.0000	0.0000	0.0000	20.1438	0.0000
73b	17.0000	0.0000	0.0000	66.8943	0.0000
123	0.0000	0.0000	0.0000	147004.763	0.0000
125	0.0000	0.0000	0.0000	4006919.851	0.0000

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 #1	550.00	Natural	100.67	0.03500	50.00	4.91		
2	XS #2	431.00	Natural	89.71	0.03000	46.39	4.95		
3	XS #3	191.00	Natural	81.11	0.03000	45.03	4.93		
4	XS #4	130.00	Natural	99.88	0.03000	57.76	5.62		
5	XS #5	1089.00	Natural	130.11	0.03000	44.40	7.20		
6	XS #6	586.00	Natural	161.13	0.03000	60.60	6.34		
7	XS #7	1608.00	Natural	181.54	0.03000	41.07	9.11		
8	XS #8	761.00	Natural	172.35	0.03000	51.30	8.77		
9	XS #9	75.00	Natural	124.19	0.03000	37.81	6.90		
10	XS #10	446.00	Natural	170.10	0.03000	44.08	7.46		
11	STUB	8.00	Circular	19.63	0.01300	5.00	5.00		
12	FRONTAGE	66.00	Circular	28.27	0.01300	6.00	6.00		
13	HWY 17 S	75.00	Circular	28.27	0.01300	6.00	6.00		
14	HWY 17 N	77.00	Circular	28.27	0.01300	6.00	6.00		
15	PARKINGLOT	73.00	Circular	28.27	0.01300	6.00	6.00		
16	TO LAKE	175.00	Circular	28.27	0.01300	6.00	6.00		
17	SOUTH BAY	1800.00	Natural	62.50	0.03000	50.00	4.00		
18	58	1490.00	Natural	52.60	0.03000	50.00	3.40		
19	61	350.00	Natural	49.50	0.03000	50.00	3.50		
20	62	1300.00	Natural	49.20	0.03500	50.00	3.30		
21	XS #3a	66.00	Natural	87.00	0.03000	67.00	4.90		
22	XS MALLARD	158.00	Natural	40.31	0.03000	25.00	4.20		
23	80	150.00	Natural	18.00	0.03000	39.00	2.50		
24	Ex 54"CMP	50.00	Circular	15.90	0.02400	4.50	4.50		
25	Clvt 10	42.00	Rectangle	40.50	0.01500	13.50	3.00		
26	Palmto Lk	700.00	Natural	172.00	0.05000	56.00	4.50		
27	Clvt 7	41.00	Circular	12.57	0.01300	4.00	4.00		
28	Chan A	270.00	Natural	54.55	0.05000	23.95	4.90		
29	Clvt 6	41.00	Circular	12.57	0.01300	4.00	4.00		
30	Chan B	210.00	Natural	58.35	0.05000	20.00	5.30		
31	Clvt 5	42.00	Circular	12.57	0.01300	4.00	4.00		
32	Chan C	400.00	Natural	43.50	0.05000	28.00	4.00		
33	Chan D	150.00	Trapezoid	81.25	0.02000	25.00	3.25	0.00	0.00
34	Oak Clvt	35.00	Rectangle	24.00	0.01300	8.00	3.00		
35	Chan E	150.00	Trapezoid	106.19	0.03000	25.00	3.70	1.00	1.00
36	Clvt2 Out	40.00	Rectangle	32.00	0.01300	8.00	4.00		
37	Clvt1 Out	50.00	Rectangle	28.00	0.01300	7.00	4.00		
38	124	200.00	Trapezoid	140.00	0.03500	13.00	7.00	1.00	1.00
39	Spanish1	45.00	Circular	7.07	0.01300	3.00	3.00		
40	IndianDr1	42.00	Circular	7.07	0.01300	3.00	3.00		
41	2@42" RCP	64.00	Circular	9.62	0.01300	3.50	3.50		
42	Driveway1	59.00	Circular	28.27	0.01300	6.00	6.00		
43	2@24"	40.00	Circular	3.14	0.01300	2.00	2.00		
44	36" RCP	40.00	Circular	7.07	0.01300	3.00	3.00		
45	48" RCP	40.00	Circular	12.57	0.01300	4.00	4.00		

Total length of all conduits .... 14406.0000 feet

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# Table E16. New Conduit Information Section        #
#            Conduit Invert (IE) Elevation and Conduit #
#            Maximum Water Surface (WS) Elevations     #
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Conduit Name	Upstream Node	Downstream Node	IE Up	IE Dn	WS Up	WS Dn	Conduit Type
XS #1	1	2	21.10	20.70	24.55	24.47	Natural
XS #2	4	6	18.53	18.40	24.00	23.97	Natural
XS #3	6	63	18.40	18.40	23.97	23.95	Natural
XS #4	8	15	18.30	18.20	23.95	23.96	Natural
XS #5	17	19	18.10	18.00	24.41	24.68	Natural
XS #6	19	21	18.00	17.90	24.68	24.69	Natural
XS #7	23	25	17.50	17.20	23.13	22.93	Natural
XS #8	25	27	17.20	15.60	22.93	22.90	Natural
XS #9	30	27	16.20	15.60	22.89	22.90	Natural
XS #10	32	34	16.30	15.30	22.29	22.36	Natural
STUB	34	36	15.30	14.80	22.36	20.06	Circular
FRONTAGE	36	38	14.80	13.30	20.06	19.89	Circular
HWY 17 S	38	41	13.30	11.60	19.89	19.51	Circular
HWY 17 N	41	45	11.60	9.900	19.51	18.97	Circular
PARKINGLOT	48	45	9.900	9.100	18.66	18.97	Circular
TO LAKE	Lk-Elzbth	48	9.900	9.600	12.40	18.66	Circular
SOUTH BAY	72	54	21.60	20.60	24.94	24.60	Natural
58	1	54	21.10	20.60	24.55	24.60	Natural
61	56	55	22.50	22.10	26.00	25.60	Natural
62	55	1	22.10	21.10	25.60	24.55	Natural
XS #3a	63	8	18.40	18.30	23.95	23.95	Natural
XS MALLARD	64	63	20.41	18.40	23.96	23.95	Natural
80	78	68	21.50	20.96	24.00	25.67	Natural
Ex 54"CMP	73b	Dgwood Lk	5.430	5.220	10.75	7.681	Circular
Clvt 10	44b	Dgwood Lk	6.230	5.420	7.673	7.681	Rectangle
Palmto Lk	44b	46b	6.230	5.460	7.673	7.630	Natural
Clvt 7	46b	48b	5.460	5.170	7.630	7.572	Circular
Chan A	48b	50b	5.510	5.170	7.572	7.309	Natural
Clvt 6	50b	52b	5.510	5.350	7.309	7.180	Circular
Chan B	52b	54b	5.350	4.520	7.180	6.855	Natural
Clvt 5	54b	56b	4.520	4.380	6.855	6.795	Circular
Chan C	Myrtle Lk	56b	4.500	4.380	6.197	6.795	Natural
Chan D	Holly Lk	63b	4.750	4.330	6.506	6.452	Trapezoid
Oak Clvt	63b	65b	4.330	4.240	6.452	6.330	Rectangle
Chan E	65b	Myrtle Lk	4.240	4.200	6.330	6.197	Trapezoid
Clvt2 Out	60b	69b	2.570	2.510	5.101	4.531	Rectangle
Clvt1 Out	38b	71b	4.200	3.100	7.464	5.220	Rectangle
124	27	123	15.60	15.30	22.90	22.91	Trapezoid
Spanish1	4	2	18.53	18.41	24.00	24.47	Circular
IndianDr1	15	17	18.20	18.10	23.96	24.41	Circular
2@42" RCP	21	23	17.90	17.50	24.69	23.13	Circular
Driveway1	32	30	16.30	16.20	22.29	22.89	Circular
2@24"	68	64	20.96	20.41	25.67	23.96	Circular
36" RCP	125	123	16.82	16.78	23.18	22.91	Circular
48" RCP	125	123	15.50	15.30	23.18	22.91	Circular

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 System Flooded Volume	Maximum Volume	Stored in System Ponding Allowed Flood Pond Volume
1	0.0000	0.0000	0.0000	43.3149	0.0000
2	0.0000	0.0000	0.0000	2926538.387	0.0000
4	884.4659	0.0000	0.0000	68.7156	0.0000
6	949.7812	0.0000	0.0000	70.0502	0.0000
8	36.2222	0.0000	0.0000	71.0436	0.0000
15	428.9737	0.0000	0.0000	72.3637	0.0000
17	0.0000	0.0000	0.0000	79.3484	0.0000
19	0.0000	0.0000	0.0000	83.9578	0.0000
21	0.0000	0.0000	0.0000	173213.739	0.0000
23	0.0000	0.0000	0.0000	70.7697	0.0000
25	0.0000	0.0000	0.0000	71.9516	0.0000
27	0.0000	0.0000	0.0000	244732.902	0.0000
30	0.0000	0.0000	0.0000	84.0358	0.0000
32	0.0000	0.0000	0.0000	75.2780	0.0000
34	0.0000	0.0000	0.0000	88.6666	0.0000
36	0.0000	0.0000	0.0000	66.1335	0.0000
38	13.6600	0.0000	0.0000	82.7531	0.0000
41	22.4643	0.0000	0.0000	99.4379	0.0000
45	32.5253	11.1455	12259.1070	124.0264	0.0000
48	28.0018	0.0000	0.0000	113.7944	0.0000
52	0.0000	0.0000	0.0000	1437746.209	0.0000
54	0.0000	515.4386	357371.6295	50.2640	0.0000
55	0.0000	228.7001	162663.2001	43.9810	0.0000
56	0.0000	232.2403	1615464.5307	43.9810	0.0000
63	937.6089	0.0000	0.0000	69.7239	0.0000
64	0.0000	0.0000	0.0000	44.5694	0.0000
68	0.0000	12.3583	18548.7369	292389.241	0.0000
72	0.0000	0.0000	0.0000	41.9273	0.0000
76	0.0000	0.0000	0.0000	510073.812	0.0000
78	0.0000	94.8348	97430.1886	31.4150	0.0000
Lk-Elzbth	0.0000	0.0000	0.0000	1806343.683	0.0000
Dgwood Lk	0.0000	0.0000	0.0000	2425914.665	0.0000
38b	0.0000	0.0000	0.0000	41.0195	0.0000
44b	0.0000	0.0000	0.0000	18.1380	0.0000
46b	0.0000	0.0000	0.0000	27.2621	0.0000
48b	0.0000	0.0000	0.0000	30.1804	0.0000
50b	0.0000	0.0000	0.0000	26.8726	0.0000
52b	0.0000	0.0000	0.0000	22.9935	0.0000
54b	0.0000	0.0000	0.0000	29.3364	0.0000
56b	0.0000	0.0000	0.0000	30.3434	0.0000
Myrtle Lk	0.0000	0.0000	0.0000	109617.642	0.0000
60b	0.0000	0.0000	0.0000	31.8027	0.0000
Holly Lk	0.0000	0.0000	0.0000	103698.994	0.0000
63b	0.0000	0.0000	0.0000	26.6596	0.0000
65b	0.0000	0.0000	0.0000	26.2691	0.0000
69b	0.0000	0.0000	0.0000	25.3986	0.0000
71b	0.0000	0.0000	0.0000	26.6370	0.0000
73b	17.0000	0.0000	0.0000	66.8943	0.0000
123	0.0000	0.0000	0.0000	192951.206	0.0000
125	0.0000	0.0000	0.0000	4921901.222	0.0000