STORMWATER REPORT

FOR THE

TOWN OF LONGBOAT KEY

GENERAL HARRIS STREET, PENFIELD STREET, MARBURY LANE SLEEPY LAGOON STORMWATER IMPROVEMENTS

May 2026

Prepared By:

INFRASTRUCTURE SOLUTION SERVICES

An HR Green Company

Infrastructure Solution Services, LLC (an HR Green Company)

7319 Merchant Court

Sarasota, FL 34240

Certificate of Authorization # 29992

Prepared For:

Town of Longboat Key

600 General Harris Street

Longboat Key, FL 34228

"This is to certify to the best of my belief and knowledge that the contents of this stormwater report represent sound engineering principles."

Project: General Harris Street, Penfield Street, Marbury Lane Stormwater Improvements

Limits: From General Harris Street to the end of Penfield Street and Marbury Lane

Devyn M. Brown, P.E.
#68380

Date

DEVYN M. BROWN, P.E. STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 68380; THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DEVYN M. BROWN, P.E. ON THE DATE INDICATED HERE; PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Infrastructure Solution Services, LLC (an HR Green Company)
Florida Engineering Business No. 29992
7319 Merchant Court
Sarasota, FL 34240

STORMWATER REPORT
FOR THE
TOWN OF LONGBOAT KEY SLEEPY LAGOON
GENERAL HARRIS STREET, PENFIELD STREET, MARBURY LANE

1.1 Purpose

The Town of Longboat Key, Town, has identified General Harris Street, Penfield Street, Marbury Lane in the Sleepy Lagoon neighborhood as the locations of concern that are subject to sunny day flooding due to high tides and king tides and subject to increasing flood risks due to SLR. The Town previously contracted with Kimley-Horn Associates, Inc., KHA, to evaluate the impacts of rainfall, tidal events and SLR on the roadways and infrastructure in these areas within Sleepy Lagoon, and to identify projects to mitigate impacts.

A list of general recommendations, mitigation, and adaptation strategies were developed and discussed in the KHA report and were reviewed in the design of this project to improve resiliency.

1.2 Site/Project Description

The project site is located along various roads in the Town of Longboat Key, Florida as delineated on the project's construction cover sheet. The project area is a fully developed single-family residential development, in the Sleepy Lagoon neighborhood, consisting of 1/4 & 1/5-acre sized lots. The existing streets Penfield and Marbury are about 18-feet of existing pavement, and General Harris with about 22-feet of existing pavement within an approximately 25-foot right-of-way on Marbury Lane, approximately 37.5-foot right-of-way on Penfield Street, and 60-foot right-of-way on General Harris Street with minimal drainage infrastructure.

The proposed project includes reconstruction of the existing roadways and drainage improvements to reduce the flood risk within these streets. The design considers the finished floor elevations of the adjacent homes and is intended to address the impacts of the Sea Level Rise (SLR) and King Tides for the minimum 25-year 24-hour storm event. The design incorporates elevating the roadway, additional inlets, drainage piping, outfalls to Sarasota Bay, and in-line tidal check valves. The linear footage of the proposed storm pipes and the inlets increases the capacity of the system and nearly doubled the capacity of discharge capability.

2.1 Existing Conditions

The existing conditions of the two streets include two-way residential streets with approximately 18-feet of pavement within 25-foot and 37.5-foot rights-of-way, and one street with approximately 22-feet of pavement within 60-foot right-of way. General Harris Street, Penfield Street, Marbury Lane are crowned roadways.

The existing roadways are sloped to a low point and outfall through existing structures and pipes along the streets. Penfield Street and Marbury Lane are bordered by man-made canals that provide access to the intercoastal. General Harris connects Marbury Lane and Penfield Street to Gulf of Mexico Drive. General Harris does not have existing storm structures on the middle and east end of the street. The existing stormwater runoff discharges into low points and into an open pipe; therefore, the top of structure elevation shown in the table is the invert of the pipe.

Residents have raised many concerns regarding the frequent flooding during sunny day flooding and regular storm events. ISS completed a drone flight survey, in addition to detailed field survey with underground utility locates to provide topographic survey information for the project. The elevations of the existing roads vary between 1.0-4.0 feet, per the North American Vertical Datum (NAVD88). The front half of the residential parcels on Penfield and Marbury drain toward General Harris into existing catch basins and the rest of the parcels drain to the existing seawalls. The existing soils, per Natural Resource Conservation Service (NRCS), are Canaveral Fine Sand, 0 to 5 percent slopes and Canaveral Sand, Organic Substratum and the hydrologic soil group appears to be A. The project is located in FEMA Flood Zone designated AE based on the FEMA FIRM Map number 12081C0291F.

3.1 Proposed Conditions

The project proposes to raise the elevation of General Harris between 0-15 inches (average 8 inches), Penfield Street between 0-10 inches (average 5 inches), and Marbury Lane between 0-14 inches (average 6 inches). The elevated roadway will help with the residents' challenges with sunny day flooding and will also increase the pressure head between the roadway and tide levels, which will increase the efficiency of the stormwater system. ISS maintained the current crowned configuration within the streets.

The project includes the addition to existing outfalls in all streets with check valves that discharge to the existing man-made canals at the rear of the parcels. The additional outfalls will provide a greater capacity for discharge from the streets. The collection system will add capacity to the system with additional inlets and piping. The runoff from the rear of the lots will continue to drain to the man-made canals.

The proposed design was incorporated into StormWise v4.08.03 using the Kimley-Horn model as the base model. The modeling showed improvement in the stages at the inlets on each street. It is anticipated that with the raising the road elevation and inlet elevations (initial stages) that there may be inlets that have a slight increase due to the initial stage increase, but the overall depth of water is decreased in all areas. The tailwater used within the StormWise model was based upon the mean high-water level (0.32 ft NAVD88) of the previously mentioned NOAA tide gauge with an additional factor of 0.60 ft added based upon the sea level rise guidance provided in the 2024 FDOT Drainage Manual Section 3.4.1. The additional 0.60 ft added represents the amount of sea level rise expected by 2050.

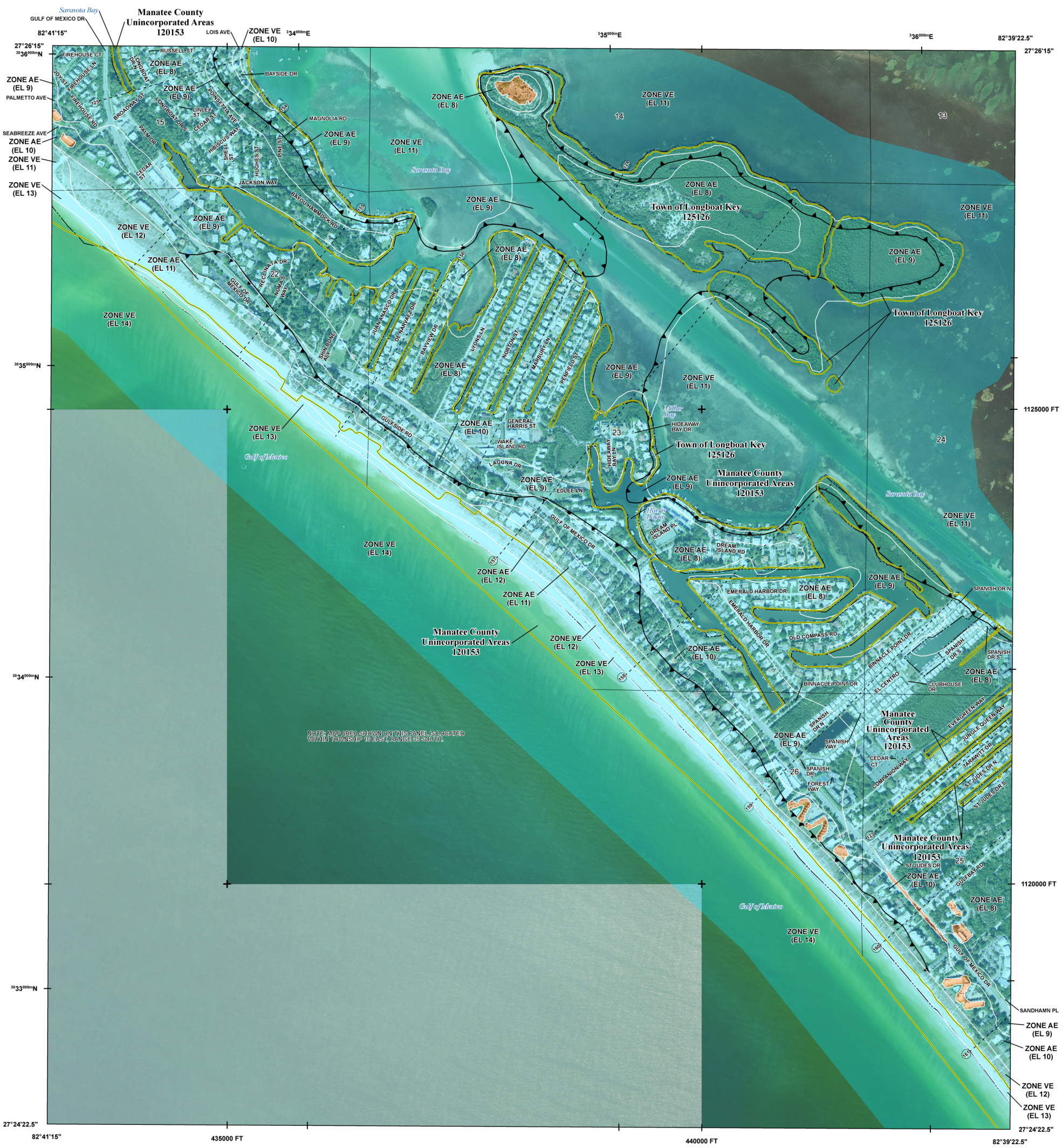
Refer to the summary table that compares the existing inlet elevations to the proposed inlet elevations within the project area.

4.1 Operation and Maintenance

The project will be operated and maintained by the Town of Longboat Key, a local government entity, which meets the rules requirements under section 12.3.1 of the ERP A.H., Vol. I.

Appendix A

FEMA FIRM Map



FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT

HTTPS://MSC.FEMA.GOV

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A,V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- E 18.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- 8 Coastal Transect
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the Flood Mapping and Insurance eXchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA Flood Map Service Center website at https://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates refer to the Flood Insurance Study Report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Base map information shown on this FIRM was provided in digital format by Manatee County, dated 2010 and 2017; the Southwest Florida Water Management District, dated 2010 and 2012; the Florida Department of Transportation, dated 2017; and the U.S. Department of Agriculture, dated 2016.

LIMIT OF MODERATE WAVE ACTION: Zone AE has been divided by a Limit of Moderate Wave Action (LiMWA). The LiMWA represents the approximate landward limit of the 1.5-foot breaking wave. The effects of wave hazards between Zone VE and the LiMWA (or between the shoreline and the LiMWA for areas where Zone VE is not identified) will be similar to, but less severe than, those in the Zone VE.

Limit of Moderate Wave Action (LiMWA)

Coastal Barrier Resources System (CBRS) areas and "otherwise protected areas" (OPAs) are no longer shown on this map panel, but still may be present in this community. Current information on these areas is provided by the U.S. Fish & Wildlife Service (FWS). NFIP flood insurance is not available within CBRS areas for structures that are built or substantially improved on or after the dates indicated by FWS. Users should reference the most up-to-date information provided by FWS to determine NFIP insurance eligibility. The official maps and additional information regarding CBRS areas are provided on the FWS website at: www.fws.gov/cbra. FEMA also includes the official boundaries from FWS on our interactive and dynamic flood maps available through the FEMA Map Service Center.

SCALE

N

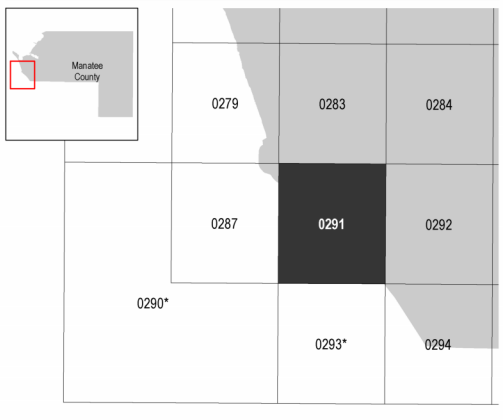
Map Projection:
State Plane Transverse Mercator, Florida West Zone 0902; North American Datum 1983; Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 500 feet 1:6,000

0 250 500 750 1,000 2,000 feet

0 125 250 500 meters

PANEL LOCATOR



*PANEL NOT PRINTED

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

MANATEE COUNTY, FLORIDA
and Incorporated Areas

PANEL 291 OF 575

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
LONGBOAT KEY, TOWN OF	125126	0291	F
MANATEE COUNTY	120153	0291	F

VERSION NUMBER
2.4.3.2

MAP NUMBER
12081C0291F

MAP REVISED
AUGUST 10, 2021

Appendix B

Existing/Proposed Stage Summary Table

General Harris

Existing

N-GHS-01

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-GHS-01	2.05	1.81	15.20	12.43

N-GHS-02

Sim Name	Node Name	Pipe Invert El. [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-GHS-02	0.50	2.18	202.28	70.61

N-GHS-03

Sim Name	Node Name	Pipe Invert El. [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-GHS-03	0.91	2.19	65.04	6.11

Proposed

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-GHS-01	2.05	2.16	20.38	17.62
25YR24HR	N-GHS-04	2.67	2.16	8.97	7.80
25YR24HR	N-GHS-05	2.67	2.16	10.46	8.97

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-GHS-06	2.50	0.72	1.92	3.87
25YR24HR	N-GHS-07	2.50	0.72	5.98	4.47
25YR24HR	N-GHS-08	1.50	0.70	5.25	4.38

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-GHS-03	1.75	2.35	4.84	4.83
25YR24HR	N-GHS-09	2.25	2.44	3.04	3.04
25YR24HR	N-GHS-10	2.25	2.39	5.23	5.23
25YR24HR	N-GHS-12	1.80	2.40	0.26	1.13
25YR24HR	N-GHS-13	1.80	2.40	1.33	0.46
25YR24HR	N-GHS-14	1.50	2.40	0.13	0.05

Penfield

Existing

N-PS-01

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-PS-01	1.77	1.52	2.69	2.69

N-PS-02

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-PS-02	1.67	1.69	4.30	4.30

Proposed

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-PS-01	1.77	1.55	4.30	4.29
25YR24HR	N-PS-17	2.10	1.56	2.36	2.36

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-PS-02	2.00	1.10	2.98	2.97
25YR24HR	N-PS-14	2.00	1.67	0.96	1.58

Existing

N-PS-03

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-PS-03	1.64	1.84	2.43	2.33

N-PS-04

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-PS-04	1.41	1.63	5.93	5.92

Proposed

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-PS-03	2.00	1.16	1.47	1.46
25YR24HR	N-PS-15	2.00	1.67	1.42	1.66
25YR24HR	N-PS-16	2.20	1.66	3.24	2.36

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-PS-04	2.00	0.84	3.09	2.96
25YR24HR	N-PS-08	2.00	1.25	1.73	3.24
25YR24HR	N-PS-12	2.00	1.02	1.73	3.90

Existing

N-PS-05

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-PS-05	1.54	1.78	3.13	3.03

Proposed

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-PS-05	2.00	0.90	1.53	1.45
25YR24HR	N-PS-09	2.00	1.25	1.74	3.13
25YR24HR	N-PS-10	2.20	1.25	4.78	3.39
25YR24HR	N-PS-11	2.00	0.98	6.96	6.95
25YR24HR	N-PS-13	2.20	1.01	6.74	5.12

Marbury

Existing

N-ML-01

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-01	1.83	2.26	4.12	4.12

N-ML-02

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-02	1.71	2.29	1.63	1.71

Proposed

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-01	2.27	2.50	4.64	4.63

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-02	2.25	2.56	2.04	2.04

Existing

N-ML-03

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-03	1.51	2.27	4.82	4.82

N-ML-04

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-04	1.50	2.29	2.17	2.41

Proposed

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-03	2.00	1.76	4.05	4.04
25YR24HR	N-ML-11	2.00	1.13	1.37	1.72

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-04	2.00	1.87	2.25	2.22
25YR24HR	N-ML-10	2.00	1.13	1.69	2.38
25YR24HR	N-ML-12	2.20	1.13	3.20	3.03

Existing

N-ML-05

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-05	1.50	2.17	4.96	4.95

N-ML-06

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-06	1.78	2.18	1.83	1.83

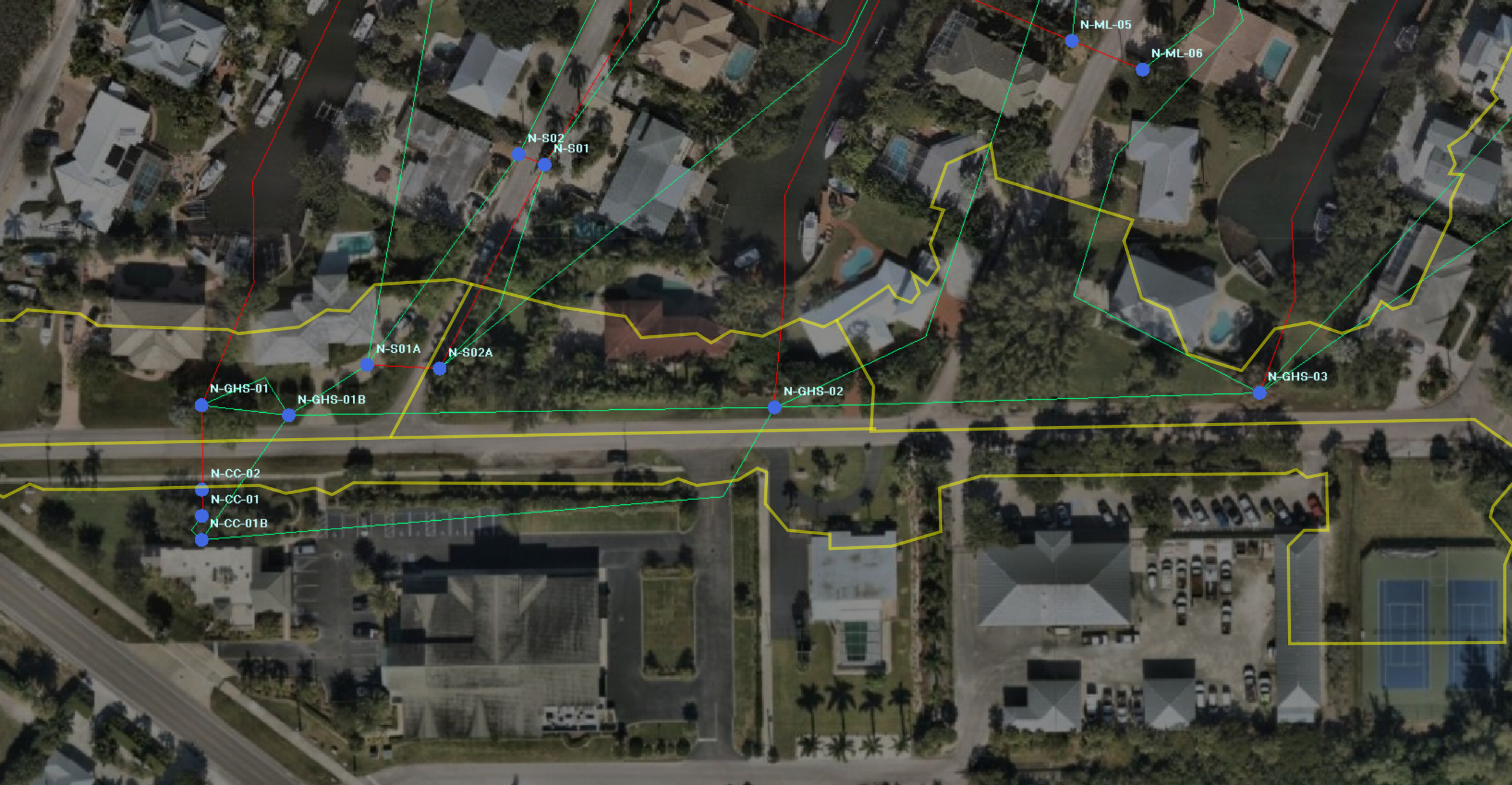
Proposed

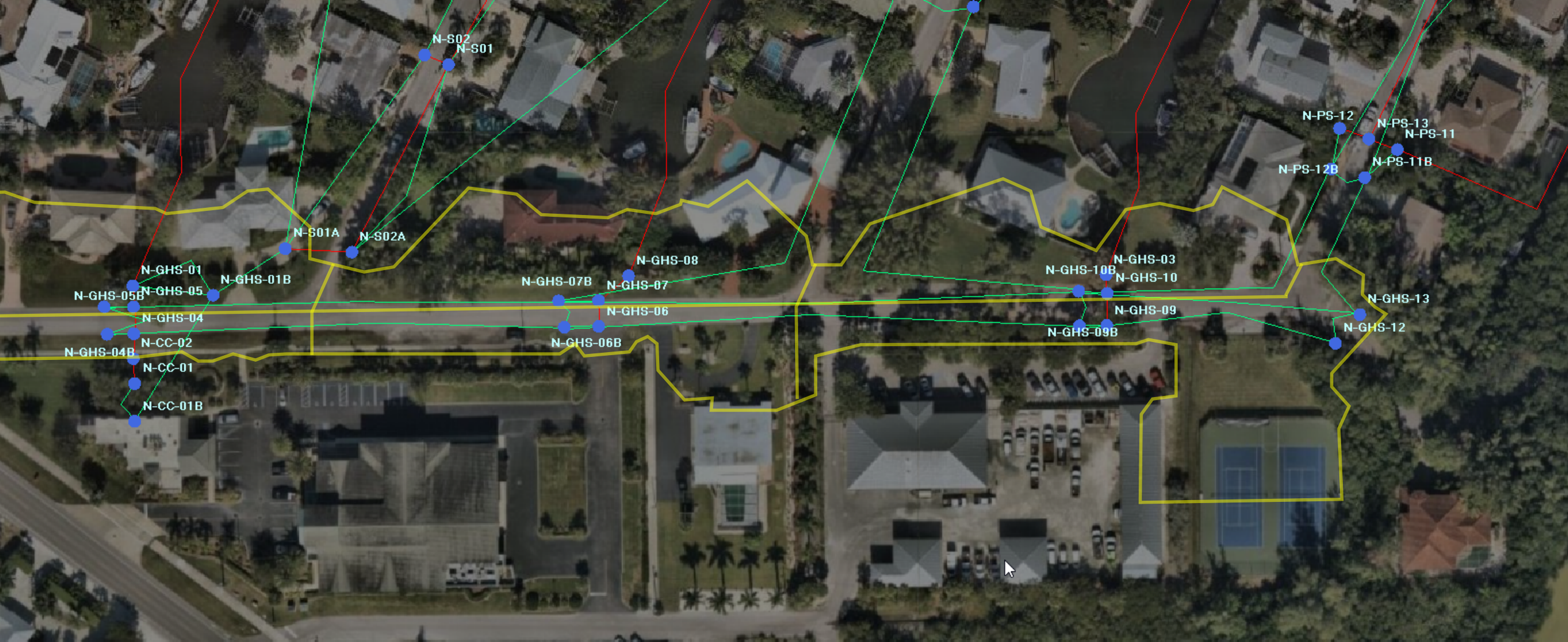
Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-05	2.00	1.95	4.60	4.59
25YR24HR	N-ML-07	2.00	0.96	1.60	1.87

Sim Name	Node Name	Structure Top [ft]	Max Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]
25YR24HR	N-ML-06	2.00	2.06	2.39	2.33
25YR24HR	N-ML-08	2.00	0.94	7.27	6.06
25YR24HR	N-ML-09	2.25	0.96	5.11	4.50

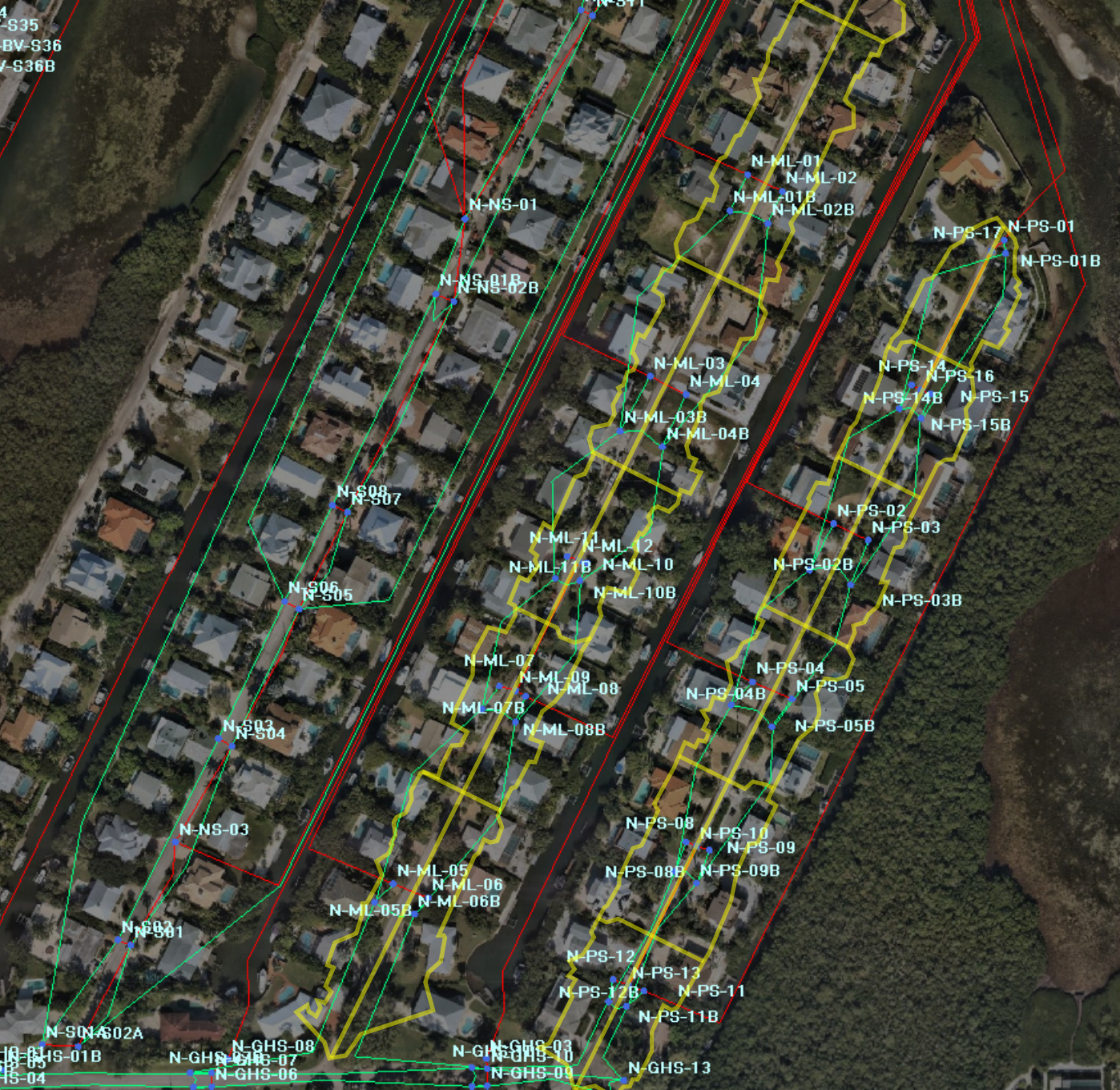
Appendix C

StormWise Model Results


N-ML-05
N-ML-06
N-S02
N-S01
N-S01A
N-S02A
N-GHS-01
N-GHS-01B
N-GHS-02
N-GHS-03
N-CC-02
N-CC-01
N-CC-01B


N-S02
N-S01
N-S01A
N-S02A
N-GHS-01
N-GHS-01B
N-GHS-05
N-GHS-05B
N-GHS-04
N-GHS-04B
N-CC-02
N-CC-01
N-CC-01B
N-GHS-08
N-GHS-07B
N-GHS-07
N-GHS-06
N-GHS-06B
N-GHS-03
N-GHS-10B
N-GHS-10
N-GHS-09
N-GHS-09B
N-GHS-13
N-GHS-12
N-PS-12
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N-PS-12B
N-PS-11B


N-ML-01
N-ML-02
N-ML-01B
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N-S02
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N-GHS-02A
N-GHS-01B
N-GHS-02
N-GHS-03


N-S35
BV-S36
V-S36B
N-NS-01
N-NS-01B
N-NS-02B
N-ML-01
N-ML-02
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N-ML-02B
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N-ML-04
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N-S01
N-PS-12
N-PS-13
N-PS-12B
N-PS-11
N-PS-11B
N-S01-S02A
N-GHS-01B
N-GHS-08
N-GHS-07
N-GHS-06
N-GHS-03
N-GHS-10
N-GHS-09
N-GHS-13

Simple Basin: B-GHS-01

Scenario:	01 Existing - Basins
Node:	N-GHS-01B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.7500 ac
Curve Number:	85.4
Ia/S:	0.00
% Impervious:	17.30
% DCIA:	17.30
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-01	25YR24HR	3.27	12.0500	8.00	6.55	0.7500

Simple Basin: B-GHS-02

Scenario:	01 Existing - Basins
Node:	N-GHS-02
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	6.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5870 ac
Curve Number:	85.8
Ia/S:	0.00
% Impervious:	8.40
% DCIA:	8.40
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-02	25YR24HR	2.96	12.0167	8.00	6.45	0.5870

Simple Basin: B-GHS-03

Scenario:	01 Existing - Basins
Node:	N-GHS-03
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	13.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.8300 ac
Curve Number:	85.1
Ia/S:	0.00
% Impervious:	11.30
% DCIA:	11.30
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-03	25YR24HR	7.13	12.0667	8.00	6.42	1.8300

Simple Basin: B-ML-01

Scenario:	01 Existing - Basins
Node:	N-ML-01B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	9.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5340 ac
Curve Number:	88.9

Ia/S:	0.00
% Impervious:	29.10
% DCIA:	29.10
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-01	25YR24HR	2.53	12.0333	8.00	7.06	0.5340

Simple Basin: B-ML-02

Scenario:	01 Existing - Basins
Node:	N-ML-02B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	12.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.4300 ac
Curve Number:	88.8
Ia/S:	0.00
% Impervious:	33.30
% DCIA:	33.30
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-02	25YR24HR	1.84	12.0667	8.00	7.10	0.4300

Simple Basin: B-ML-03

Scenario:	01 Existing - Basins

Node:	N-ML-03B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	9.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.9200 ac
Curve Number:	88.0
Ia/S:	0.00
% Impervious:	25.90
% DCIA:	25.90
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-03	25YR24HR	4.32	12.0333	8.00	6.94	0.9200

Simple Basin: B-ML-04

Scenario:	01 Existing - Basins
Node:	N-ML-04B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	11.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.0750 ac
Curve Number:	87.5
Ia/S:	0.00
% Impervious:	31.50
% DCIA:	31.50
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-04	25YR24HR	4.70	12.0500	8.00	6.97	1.0750

Simple Basin: B-ML-05

Scenario:	01 Existing - Basins
Node:	N-ML-05B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	8.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.6950 ac
Curve Number:	89.3
Ia/S:	0.00
% Impervious:	24.40
% DCIA:	24.40
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-05	25YR24HR	3.41	12.0333	8.00	7.02	0.6950

Simple Basin: B-ML-06

Scenario:	01 Existing - Basins
Node:	N-ML-06B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	13.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.7800 ac
Curve Number:	87.6

Ia/S:	0.00
% Impervious:	23.60
% DCIA:	23.60
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-06	25YR24HR	3.17	12.0667	8.00	6.87	0.7800

Simple Basin: B-PS-01

Scenario:	01 Existing - Basins
Node:	N-PS-01B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	13.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.6870 ac
Curve Number:	85.3
Ia/S:	0.00
% Impervious:	22.00
% DCIA:	22.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-01	25YR24HR	2.72	12.0667	8.00	6.63	0.6870

Simple Basin: B-PS-02

Scenario:	01 Existing - Basins

Node:	N-PS-02B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	9.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.4400 ac
Curve Number:	87.1
Ia/S:	0.00
% Impervious:	26.60
% DCIA:	26.60
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-02	25YR24HR	2.05	12.0333	8.00	6.87	0.4400

Simple Basin: B-PS-03

Scenario:	01 Existing - Basins
Node:	N-PS-03B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	5.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.4980 ac
Curve Number:	86.0
Ia/S:	0.00
% Impervious:	20.50
% DCIA:	20.50
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-03	25YR24HR	2.63	12.0000	8.00	6.65	0.4980

Simple Basin: B-PS-04

Scenario:	01 Existing - Basins
Node:	N-PS-04B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	14.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.7000 ac
Curve Number:	87.7
Ia/S:	0.00
% Impervious:	23.60
% DCIA:	23.60
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-04	25YR24HR	2.76	12.0833	8.00	6.87	0.7000

Simple Basin: B-PS-05

Scenario:	01 Existing - Basins
Node:	N-PS-05B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	7.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.7420 ac
Curve Number:	87.1

Ia/S:	0.00
% Impervious:	36.60
% DCIA:	36.60
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [01 Existing - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-05	25YR24HR	3.75	12.0167	8.00	7.01	0.7420

Simple Basin: B-GHS-01

Scenario:	02 Proposed - Basins
Node:	N-GHS-01B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.1000 ac
Curve Number:	85.4
Ia/S:	0.00
% Impervious:	17.30
% DCIA:	17.30
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-01	25YR24HR	0.44	12.0500	8.00	6.55	0.1000

Simple Basin: B-GHS-04

Scenario:	02 Proposed - Basins

Node:	N-GHS-04B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.2960 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-04	25YR24HR	1.29	12.0500	8.00	6.44	0.2960

Simple Basin: B-GHS-05

Scenario:	02 Proposed - Basins
Node:	N-GHS-05B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.6470 ac
Curve Number:	85.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-05	25YR24HR	2.75	12.0500	8.00	6.21	0.6470

Simple Basin: B-GHS-06

Scenario:	02 Proposed - Basins
Node:	N-GHS-06B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3860 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-06	25YR24HR	1.69	12.0500	8.00	6.44	0.3860

Simple Basin: B-GHS-07

Scenario:	02 Proposed - Basins
Node:	N-GHS-07B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5800 ac
Curve Number:	87.0

Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-07	25YR24HR	2.53	12.0500	8.00	6.44	0.5800

Simple Basin: B-GHS-09

Scenario:	02 Proposed - Basins
Node:	N-GHS-09B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.7950 ac
Curve Number:	85.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-09	25YR24HR	3.38	12.0500	8.00	6.21	0.7950

Simple Basin: B-GHS-10

Scenario:	02 Proposed - Basins

Node:	N-GHS-10B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5630 ac
Curve Number:	85.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-10	25YR24HR	2.39	12.0500	8.00	6.21	0.5630

Simple Basin: B-GHS-12

Scenario:	02 Proposed - Basins
Node:	N-GHS-12
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.0500 ac
Curve Number:	85.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-12	25YR24HR	0.21	12.0500	8.00	6.21	0.0500

Simple Basin: B-GHS-13

Scenario:	02 Proposed - Basins
Node:	N-GHS-13
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.0500 ac
Curve Number:	85.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-GHS-13	25YR24HR	0.21	12.0500	8.00	6.21	0.0500

Simple Basin: B-ML-01

Scenario:	02 Proposed - Basins
Node:	N-ML-01B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.6370 ac
Curve Number:	88.0

Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-01	25YR24HR	2.82	12.0500	8.00	6.56	0.6370

Simple Basin: B-ML-02

Scenario:	02 Proposed - Basins
Node:	N-ML-02B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5600 ac
Curve Number:	88.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-02	25YR24HR	2.48	12.0500	8.00	6.56	0.5600

Simple Basin: B-ML-03

Scenario:	02 Proposed - Basins

Node:	N-ML-03B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.4060 ac
Curve Number:	88.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-03	25YR24HR	1.80	12.0500	8.00	6.56	0.4060

Simple Basin: B-ML-04

Scenario:	02 Proposed - Basins
Node:	N-ML-04B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5060 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-04	25YR24HR	2.21	12.0500	8.00	6.44	0.5060

Simple Basin: B-ML-05

Scenario:	02 Proposed - Basins
Node:	N-ML-05B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5220 ac
Curve Number:	89.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-05	25YR24HR	2.34	12.0500	8.00	6.68	0.5220

Simple Basin: B-ML-06

Scenario:	02 Proposed - Basins
Node:	N-ML-06B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5570 ac
Curve Number:	87.0

Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-06	25YR24HR	2.43	12.0500	8.00	6.44	0.5570

Simple Basin: B-ML-07

Scenario:	02 Proposed - Basins
Node:	N-ML-07B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3370 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-07	25YR24HR	1.47	12.0500	8.00	6.44	0.3370

Simple Basin: B-ML-08

Scenario:	02 Proposed - Basins

Node:	N-ML-08B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3650 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-08	25YR24HR	1.59	12.0500	8.00	6.44	0.3650

Simple Basin: B-ML-10

Scenario:	02 Proposed - Basins
Node:	N-ML-10B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3880 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-10	25YR24HR	1.70	12.0500	8.00	6.44	0.3880

Simple Basin: B-ML-11

Scenario:	02 Proposed - Basins
Node:	N-ML-11B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3140 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-ML-11	25YR24HR	1.37	12.0500	8.00	6.44	0.3140

Simple Basin: B-PS-01

Scenario:	02 Proposed - Basins
Node:	N-PS-01B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.4650 ac
Curve Number:	85.0

Ia/S: 0.00
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-01	25YR24HR	1.98	12.0500	8.00	6.21	0.4650

Simple Basin: B-PS-02

Scenario: 02 Proposed - Basins
Node: N-PS-02B
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 0.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.3490 ac
Curve Number: 87.0
Ia/S: 0.00
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-02	25YR24HR	1.53	12.0500	8.00	6.44	0.3490

Simple Basin: B-PS-03

Scenario: 02 Proposed - Basins

Node:	N-PS-03B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3420 ac
Curve Number:	86.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-03	25YR24HR	1.47	12.0500	8.00	6.32	0.3420

Simple Basin: B-PS-04

Scenario:	02 Proposed - Basins
Node:	N-PS-04B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3450 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-04	25YR24HR	1.51	12.0500	8.00	6.44	0.3450

Simple Basin: B-PS-05

Scenario:	02 Proposed - Basins
Node:	N-PS-05B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3340 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-05	25YR24HR	1.46	12.0500	8.00	6.44	0.3340

Simple Basin: B-PS-08

Scenario:	02 Proposed - Basins
Node:	N-PS-08B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3970 ac
Curve Number:	87.0

Ia/S: 0.00
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-08	25YR24HR	1.73	12.0500	8.00	6.44	0.3970

Simple Basin: B-PS-09

Scenario: 02 Proposed - Basins
Node: N-PS-09B
Hydrograph Method: NRCS Unit Hydrograph
Infiltration Method: Curve Number
Time of Concentration: 10.0000 min
Max Allowable Q: 0.00 cfs
Time Shift: 0.0000 hr
Unit Hydrograph: UH256
Peaking Factor: 256.0
Area: 0.4010 ac
Curve Number: 87.0
Ia/S: 0.00
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-09	25YR24HR	1.75	12.0500	8.00	6.44	0.4010

Simple Basin: B-PS-11

Scenario: 02 Proposed - Basins

Node:	N-PS-11B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3360 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-11	25YR24HR	1.47	12.0500	8.00	6.44	0.3360

Simple Basin: B-PS-12

Scenario:	02 Proposed - Basins
Node:	N-PS-12B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3280 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-12	25YR24HR	1.43	12.0500	8.00	6.44	0.3280

Simple Basin: B-PS-14

Scenario:	02 Proposed - Basins
Node:	N-PS-14B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.2630 ac
Curve Number:	87.0
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-14	25YR24HR	1.15	12.0500	8.00	6.44	0.2630

Simple Basin: B-PS-15

Scenario:	02 Proposed - Basins
Node:	N-PS-15B
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.2860 ac
Curve Number:	87.0

Ia/S: 0.00
% Impervious: 0.00
% DCIA: 0.00
% Direct: 0.00
Rainfall Name:

Comment:

Simple Basin Runoff Summary [02 Proposed - Basins]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
B-PS-15	25YR24HR	1.25	12.0500	8.00	6.44	0.2860

Node: N-GHS-01B

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.05 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
0.96	0.0002	9
5.60	0.7500	32670

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-01B	25YR24HR	0.00	0.00	2.10	-0.0022	58.76	16.17	8068	0.0080	0.2427	0.0000	0.0000

Node: N-GHS-02

Scenario: 01 Existing - Basins
Type: Stage/Area

Base Flow: 0.00 cfs
Initial Stage: 0.50 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.31	0.0001	6
5.00	0.5870	25570

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-02	25YR24HR	0.00	0.00	2.18	0.2020	202.28	70.61	6068	12.3849	0.0001	0.0000	0.0089

Node: N-GHS-03

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.18 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
0.91	0.0004	19
5.00	1.8300	79715

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-03	25YR24HR	0.00	0.00	2.19	0.0200	65.04	6.11	24879	12.3855	0.0031	0.0089	12.4143

Node: N-ML-01

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-01	25YR24HR	0.00	0.00	2.26	-0.0010	4.12	4.12	125	12.2912	12.6583	12.2790	12.2990

Node: N-ML-01B

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.83 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.79	0.0001	6
7.40	0.5340	23261

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-01B	25YR24HR	0.00	0.00	2.30	0.0008	3.14	2.88	2119	12.2908	12.0402	12.1019	12.2845

Node: N-ML-02

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-02	25YR24HR	0.00	0.00	2.29	-0.0010	1.63	1.71	100	12.2914	12.6872	12.6405	12.6526

Node: N-ML-02B

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.71 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.80	0.0001	6
8.21	0.4300	18731

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-02B	25YR24HR	0.00	0.00	2.30	-0.0009	2.11	1.74	1472	12.2910	12.6598	12.0109	12.3675

Node: N-ML-03

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-03	25YR24HR	0.00	0.00	2.27	0.0010	4.82	4.82	100	12.2925	11.7193	12.2738	12.3023

Node: N-ML-03B

Scenario: 01 Existing - Basins

Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.51 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.60	0.0003	13
5.60	0.9200	40075

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-03B	25YR24HR	0.00	0.00	2.30	0.0009	6.64	4.78	7066	12.2920	11.9820	11.9814	12.3233

Node: N-ML-04

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-04	25YR24HR	0.00	0.00	2.29	0.0010	2.17	2.41	100	12.2923	11.7193	12.9053	12.9494

Node: N-ML-04B

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.50 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.55	0.0001	6
8.00	1.0750	46827

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-04B	25YR24HR	0.00	0.00	2.31	0.0007	4.70	3.92	5488	12.2919	12.0402	12.0501	11.9802

Node: N-ML-05

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-05	25YR24HR	0.00	0.00	2.17	-0.0010	4.96	4.95	100	12.3818	12.9426	12.3603	12.3914

Node: N-ML-05B

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.50 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.65	0.0001	6
4.60	0.6950	30274

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-05B	25YR24HR	0.00	0.00	2.19	-0.0010	5.05	3.73	5574	12.3787	12.9408	12.0278	12.0503

Node: N-ML-06

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-06	25YR24HR	0.00	0.00	2.18	0.0010	1.83	1.83	100	12.3794	11.8411	11.9005	12.9466

Node: N-ML-06B

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.78 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.73	0.0001	6
5.80	0.7800	33977

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-06B	25YR24HR	0.00	0.00	2.19	0.0005	3.17	2.91	3873	12.3789	12.0402	12.0668	12.0250

Node: N-NS-03

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs

Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.61	0.0001	6
1.80	0.0059	256
2.00	0.1234	5375
2.20	0.3461	15075
2.40	0.4924	21450
2.60	0.6721	29275
2.80	0.8682	37819
3.00	1.0276	44763
3.20	1.1671	50837
3.40	1.2707	55350
3.60	1.3530	58938
3.80	1.4044	61175
4.00	1.4282	62212
4.20	1.4454	62962
4.40	1.4572	63475
4.60	1.4669	63900
4.80	1.4752	64259
5.00	1.4774	64356
5.20	1.4794	64441
5.40	1.4810	64510
5.60	1.4822	64562
5.80	1.4837	64631
6.00	1.4857	64715
6.20	1.4857	64715

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-NS-03	25YR24HR	0.00	0.00	0.99	-0.0010	11.12	11.12	100	12.0614	18.7624	12.0606	12.0614

Node: N-PS-01

Scenario: 01 Existing - Basins
Type: Stage/Area

Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-01	25YR24HR	0.00	0.00	1.52	0.0007	2.69	2.69	100	12.1101	12.0402	12.1019	12.1082

Node: N-PS-01B

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.77 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.75	0.0003	13
4.60	0.6870	29926

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-01B	25YR24HR	0.00	0.00	1.97	0.0001	2.72	2.69	2290	12.1019	12.0402	12.0668	12.1019

Node: N-PS-02

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-02	25YR24HR	0.00	0.00	1.69	0.0009	4.30	4.30	100	12.0465	11.9295	12.0348	12.0492

Node: N-PS-02B

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.67 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.62	0.0001	6
4.80	0.4400	19166

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-02B	25YR24HR	0.00	0.00	1.83	-0.0001	2.05	2.04	1248	12.0548	12.0783	12.0336	12.0668

Node: N-PS-03

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-03	25YR24HR	0.00	0.00	1.84	-0.0010	2.43	2.33	100	12.0408	12.1227	11.9275	11.9707

Node: N-PS-03B

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.64 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.73	0.0001	6
5.60	0.4980	21693

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-03B	25YR24HR	0.00	0.00	1.88	-0.0005	2.63	2.48	844	12.0382	12.0783	11.9999	12.0218

Node: N-PS-04

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-04	25YR24HR	0.00	0.00	1.63	0.0030	5.93	5.92	100	12.1101	0.0001	12.1049	12.1082

Node: N-PS-04B

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.41 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.39	0.0001	6
6.00	0.7000	30492

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-04B	25YR24HR	0.00	0.00	1.70	0.0007	3.87	3.61	2087	12.1119	12.0402	12.0668	12.1165

Node: N-PS-05

Scenario: 01 Existing - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-05	25YR24HR	0.00	0.00	1.78	0.0015	3.13	3.03	100	12.0835	0.0033	11.9119	11.9496

Node: N-PS-05B

Scenario: 01 Existing - Basins

Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.54 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.52	0.0001	6
5.40	0.7420	32322

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-05B	25YR24HR	0.00	0.00	1.82	0.0002	3.91	3.71	2515	12.0643	11.9820	12.0227	12.0424

Node: SLL_BNDRY

Scenario: 01 Existing - Basins
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft
Boundary Stage: SLL_BNDRY

Comment:

Node Max Conditions w/ Times [01 Existing - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
SLL_BN	25YR24	0.00	0.00	0.58	0.0000	63.59	4.22	0	0.0000	0.0000	12.071	0.0024

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
DRY	HR										7	

Node: N-GHS-01

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-0.95	0.0001	6
2.05	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-01	25YR24HR	0.00	0.00	2.16	0.0117	20.38	17.62	100	0.0394	0.0010	0.0056	0.0097

Node: N-GHS-01B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
0.96	0.0002	9

Stage [ft]	Area [ac]	Area [ft2]
1.00	0.0004	19
1.10	0.0013	57
1.20	0.0020	85
1.30	0.0029	126
1.40	0.0050	216
1.50	0.0074	324
1.60	0.0101	439
1.70	0.0116	505
1.80	0.0130	565
1.90	0.0153	665
2.00	0.0183	797
2.10	0.0213	927
2.20	0.0228	993
2.30	0.0288	1256
2.40	0.0385	1677
2.50	0.0532	2319
2.60	0.0777	3383
2.70	0.1014	4415
2.80	0.1286	5600
2.90	0.1570	6840
3.00	0.1918	8355
3.10	0.2203	9595
3.20	0.2469	10757
3.30	0.2820	12286
3.40	0.3245	14136
3.50	0.3538	15411
3.60	0.3871	16862
3.70	0.4212	18348
3.80	0.4480	19515
3.90	0.4706	20501
4.00	0.4862	21178
4.10	0.4958	21598
4.20	0.5016	21851
4.30	0.5062	22050
4.40	0.5076	22113
4.50	0.5108	22251
4.60	0.5148	22424
4.70	0.5168	22513
4.80	0.5181	22567
4.90	0.5189	22603
4.99	0.5192	22618
5.09	0.5195	22631
5.20	0.5199	22647
5.29	0.5203	22665
5.40	0.5206	22679
5.50	0.5207	22683
5.60	0.5207	22683

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-01B	25YR24HR	0.00	0.00	2.42	0.0572	58.83	32.61	1805	0.0133	0.0001	0.0000	0.0108

Node: N-GHS-03

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.50	0.0001	6
1.75	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-03	25YR24HR	0.00	0.00	2.35	-0.0009	4.84	4.83	100	12.1232	12.4246	12.1027	12.1282

Node: N-GHS-04

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.67	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-04	25YR24HR	0.00	0.00	2.16	0.0056	8.97	7.80	100	0.0407	0.0073	0.0089	0.0126

Node: N-GHS-04B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.67 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.67	0.0001	6
5.60	0.2960	12894

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-04B	25YR24HR	0.00	0.00	2.84	0.0001	1.99	1.99	735	12.0601	11.8418	12.0500	12.0601

Node: N-GHS-05

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.67	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-05	25YR24HR	0.00	0.00	2.16	0.0067	10.46	8.97	100	0.0399	0.0046	0.0054	0.0089

Node: N-GHS-05B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.67 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.67	0.0001	6
5.60	0.6470	28183

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage	Max Total Inflow	Max Total Outflow	Max Surface Area	Time to Max Stage	Time to Min/Ma	Time to Max Total	Time to Max Total

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-05B	25YR24HR	0.00	0.00	2.84	0.0000	2.75	2.74	1620	12.0601	11.5794	12.0500	12.0605

Node: N-GHS-06

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.50	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-06	25YR24HR	0.00	0.00	0.72	-0.0020	1.92	3.87	100	12.0705	11.9333	0.0092	12.2154

Node: N-GHS-06B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.50 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.50	0.0001	6
5.00	0.3860	16814

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-06B	25YR24HR	0.00	0.00	2.66	0.0001	1.79	1.78	1076	12.0647	11.8418	12.0500	12.0647

Node: N-GHS-07

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.50	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-07	25YR24HR	0.00	0.00	0.72	0.0024	5.98	4.47	100	12.0731	0.0037	12.2154	12.0831

Node: N-GHS-07B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.50 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.50	0.0001	6
5.00	0.5800	25265

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-07B	25YR24HR	0.00	0.00	2.71	0.0001	2.64	2.61	2082	12.0723	11.8418	12.0500	12.0723

Node: N-GHS-08

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
1.50	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage	Max Total Inflow	Max Total Outflow	Max Surface Area	Time to Max Stage	Time to Min/Ma	Time to Max Total	Time to Max Total

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-08	25YR24HR	0.00	0.00	0.70	0.0051	5.25	4.38	100	12.0732	0.0001	0.0012	12.0732

Node: N-GHS-09

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.25	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-09	25YR24HR	0.00	0.00	2.44	-0.0010	3.04	3.04	100	12.1240	12.4246	12.1352	12.1408

Node: N-GHS-09B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.25 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.25	0.0001	6
5.00	0.7950	34630

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-09B	25YR24HR	0.00	0.00	2.53	0.0001	3.38	3.04	3557	12.1277	11.8418	12.0500	12.1352

Node: N-GHS-10

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.25	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-10	25YR24HR	0.00	0.00	2.39	0.0010	5.23	5.23	100	12.1243	13.6351	12.1187	12.1214

Node: N-GHS-10B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.25 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.25	0.0001	6
5.00	0.5630	24524

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-10B	25YR24HR	0.00	0.00	2.47	0.0001	2.39	2.22	1997	12.1128	11.8418	12.0500	12.0929

Node: N-GHS-12

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-0.50	0.0001	6
1.80	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage	Max Total Inflow	Max Total Outflow	Max Surface Area	Time to Max Stage	Time to Min/Ma	Time to Max Total	Time to Max Total

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-12	25YR24HR	0.00	0.00	2.40	-0.0010	0.26	1.13	115	12.0451	26.2615	11.9643	12.0454

Node: N-GHS-13

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-0.50	0.0001	6
1.80	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-13	25YR24HR	0.00	0.00	2.40	-0.0010	1.33	0.46	100	12.0585	29.6239	12.0454	12.0927

Node: N-GHS-14

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-5.00	0.0001	6
1.50	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-GHS-14	25YR24HR	0.00	0.00	2.40	0.0010	0.13	0.05	100	12.0687	25.7263	11.9644	12.4264

Node: N-ML-01

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.27	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-01	25YR24HR	0.00	0.00	2.50	0.0008	4.64	4.63	131	12.1158	11.8418	12.0994	12.1199

Node: N-ML-01B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.27 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.27	0.0001	6
7.40	0.6370	27748

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-01B	25YR24HR	0.00	0.00	2.59	-0.0001	3.23	3.02	1763	12.1142	12.2674	12.0249	12.1109

Node: N-ML-02

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.25	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage	Max Total Inflow	Max Total Outflow	Max Surface Area	Time to Max Stage	Time to Min/Ma	Time to Max Total	Time to Max Total

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-02	25YR24HR	0.00	0.00	2.56	0.0010	2.04	2.04	100	12.1154	0.2238	12.0034	12.3001

Node: N-ML-02B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.25 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.25	0.0001	6
8.21	0.5600	24394

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-02B	25YR24HR	0.00	0.00	2.60	-0.0002	2.48	2.35	1423	12.1142	12.3085	12.0500	12.0247

Node: N-ML-03

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-03	25YR24HR	0.00	0.00	1.76	0.0027	4.05	4.04	100	12.1094	0.0001	12.0937	12.1080

Node: N-ML-03B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0003	13
5.60	0.4060	17685

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-03B	25YR24HR	0.00	0.00	2.19	0.0001	1.86	1.84	942	12.0817	11.8418	12.0667	12.0818

Node: N-ML-04

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-04	25YR24HR	0.00	0.00	1.87	0.0012	2.25	2.22	100	12.1093	0.0068	12.0825	12.1080

Node: N-ML-04B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
8.00	0.5060	22041

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage	Max Total Inflow	Max Total Outflow	Max Surface Area	Time to Max Stage	Time to Min/Ma	Time to Max Total	Time to Max Total

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-04B	25YR24HR	0.00	0.00	2.28	0.0001	2.27	2.25	1017	12.0825	11.8418	12.0667	12.0825

Node: N-ML-05

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.50	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-05	25YR24HR	0.00	0.00	1.95	0.0010	4.60	4.59	100	12.0966	0.0001	12.0761	12.0985

Node: N-ML-05B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
4.60	0.5220	22738

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-05B	25YR24HR	0.00	0.00	2.22	0.0001	2.34	2.30	1924	12.0723	11.8418	12.0499	12.0723

Node: N-ML-06

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.50	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-06	25YR24HR	0.00	0.00	2.06	0.0008	2.39	2.33	100	12.0991	0.0209	12.0510	12.1333

Node: N-ML-06B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.80	0.5570	24263

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-06B	25YR24HR	0.00	0.00	2.25	0.0001	2.43	2.39	1603	12.0950	11.8418	12.0500	12.0510

Node: N-ML-07

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage	Max Total Inflow	Max Total Outflow	Max Surface Area	Time to Max Stage	Time to Min/Ma	Time to Max Total	Time to Max Total

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-07	25YR24HR	0.00	0.00	0.96	0.0016	1.60	1.87	100	12.0788	0.0078	0.0078	12.6966

Node: N-ML-07B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.00	0.3370	14680

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-07B	25YR24HR	0.00	0.00	2.14	0.0001	1.47	1.47	691	12.0562	11.8418	12.0500	12.0562

Node: N-ML-08

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-08	25YR24HR	0.00	0.00	0.94	0.0068	7.27	6.06	100	12.0780	0.0001	0.0000	12.0780

Node: N-ML-08B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.80	0.3650	15899

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-08B	25YR24HR	0.00	0.00	2.15	0.0001	1.59	1.59	624	12.0550	11.8418	12.0500	12.0550

Node: N-ML-09

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-09	25YR24HR	0.00	0.00	0.96	0.0018	5.11	4.50	207	12.0796	0.0021	0.0027	12.0796

Node: N-ML-10

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-10	25YR24HR	0.00	0.00	1.13	0.0010	1.69	2.38	100	12.0801	11.6859	12.0584	12.5922

Node: N-ML-10B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.00	0.3880	16901

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-10B	25YR24HR	0.00	0.00	2.15	0.0001	1.70	1.69	872	12.0584	11.8418	12.0500	12.0584

Node: N-ML-11

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-11	25YR24HR	0.00	0.00	1.13	0.0010	1.37	1.72	100	12.0800	13.2757	12.0553	12.6826

Node: N-ML-11B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.00	0.3140	13678

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-11B	25YR24HR	0.00	0.00	2.13	0.0001	1.37	1.37	615	12.0553	11.8418	12.0500	12.0553

Node: N-ML-12

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-ML-12	25YR24HR	0.00	0.00	1.13	-0.0013	3.20	3.03	203	12.0795	11.6868	11.6881	12.0841

Node: N-PS-01

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.50	0.0001	6
1.77	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-01	25YR24HR	0.00	0.00	1.55	0.0010	4.30	4.29	100	12.0878	0.5516	12.0873	12.0876

Node: N-PS-01B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 1.77 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.75	0.0003	13
4.60	0.4650	20255

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-01B	25YR24HR	0.00	0.00	1.93	0.0001	1.98	1.96	1288	12.0645	11.8418	12.0500	12.0645

Node: N-PS-02

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-02	25YR24HR	0.00	0.00	1.10	0.0012	2.98	2.97	100	12.0730	0.0001	12.0643	12.0759

Node: N-PS-02B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
4.80	0.3490	15202

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-02B	25YR24HR	0.00	0.00	2.13	0.0000	1.53	1.52	696	12.0550	11.8418	12.0500	12.0550

Node: N-PS-03

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-03	25YR24HR	0.00	0.00	1.16	0.0009	1.47	1.46	100	12.0727	0.0150	12.0534	12.0708

Node: N-PS-03B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.60	0.3420	14898

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage	Max Total Inflow	Max Total Outflow	Max Surface Area	Time to Max Stage	Time to Min/Ma	Time to Max Total	Time to Max Total

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-03B	25YR24HR	0.00	0.00	2.12	0.0000	1.47	1.47	520	12.0534	11.8418	12.0500	12.0534

Node: N-PS-04

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-04	25YR24HR	0.00	0.00	0.84	0.0030	3.09	2.96	100	12.0631	0.0001	0.0016	12.0605

Node: N-PS-04B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
6.00	0.3450	15028

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-04B	25YR24HR	0.00	0.00	2.13	0.0000	1.51	1.51	480	12.0528	11.8418	12.0500	12.0528

Node: N-PS-05

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-05	25YR24HR	0.00	0.00	0.90	0.0015	1.53	1.45	100	12.0638	0.0033	0.0033	12.0679

Node: N-PS-05B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.40	0.3340	14549

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-05B	25YR24HR	0.00	0.00	2.12	0.0000	1.46	1.46	534	12.0533	11.8418	12.0500	12.0533

Node: N-PS-08

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage	Max Total Inflow	Max Total Outflow	Max Surface Area	Time to Max Stage	Time to Min/Ma	Time to Max Total	Time to Max Total

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-08	25YR24HR	0.00	0.00	1.25	0.0013	1.73	3.24	100	12.0947	11.8876	12.0589	12.3551

Node: N-PS-08B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.00	0.3970	17293

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-08B	25YR24HR	0.00	0.00	2.16	0.0001	1.73	1.73	906	12.0588	11.8418	12.0500	12.0589

Node: N-PS-09

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-09	25YR24HR	0.00	0.00	1.25	-0.0012	1.74	3.13	100	12.0947	12.3801	12.0590	12.3810

Node: N-PS-09B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.00	0.4010	17468

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-09B	25YR24HR	0.00	0.00	2.16	0.0001	1.75	1.74	921	12.0590	11.8418	12.0500	12.0590

Node: N-PS-10

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-10	25YR24HR	0.00	0.00	1.25	-0.0017	4.78	3.39	231	12.0944	11.8876	12.3552	12.0892

Node: N-PS-11

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.50	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-11	25YR24HR	0.00	0.00	0.98	0.0053	6.96	6.95	100	12.0982	0.0001	12.0936	12.1004

Node: N-PS-11B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.00	0.3360	14636

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-11B	25YR24HR	0.00	0.00	2.17	0.0006	1.90	1.88	812	12.0626	27.2975	12.0453	12.0626

Node: N-PS-12

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-0.50	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-12	25YR24HR	0.00	0.00	1.02	0.0012	1.73	3.90	100	12.0977	0.0145	12.1041	12.2312

Node: N-PS-12B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.00	0.3280	14288

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-12B	25YR24HR	0.00	0.00	2.16	0.0001	1.74	1.73	750	12.1041	11.8418	12.0915	12.1041

Node: N-PS-13

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-13	25YR24HR	0.00	0.00	1.01	0.0019	6.74	5.12	210	12.0975	0.0028	12.2312	12.1045

Node: N-PS-14

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-14	25YR24HR	0.00	0.00	1.67	0.0009	0.96	1.58	100	12.0924	12.0767	12.0597	12.0977

Node: N-PS-14B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.00	0.2630	11456

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-14B	25YR24HR	0.00	0.00	2.31	0.0001	1.15	1.14	1187	12.0596	11.8418	12.0500	12.0597

Node: N-PS-15

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
-1.00	0.0001	6
2.00	0.0001	6

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-15	25YR24HR	0.00	0.00	1.67	0.0010	1.42	1.66	100	12.0924	12.9356	12.0615	12.0977

Node: N-PS-15B

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 2.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
2.00	0.0001	6
5.00	0.2860	12458

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-15B	25YR24HR	0.00	0.00	2.14	0.0000	1.43	1.42	576	12.0614	11.8418	12.0500	12.0615

Node: N-PS-16

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-16	25YR24HR	0.00	0.00	1.66	-0.0010	3.24	2.36	209	12.0880	13.0292	12.0977	12.0973

Node: N-PS-17

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.00 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-PS-17	25YR24HR	0.00	0.00	1.56	0.0010	2.36	2.36	179	12.0884	13.3857	12.0973	12.0933

Node: N-S01

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.68	0.0000	2
1.70	0.0002	8
1.80	0.0024	104
1.90	0.0065	284
2.00	0.0148	645
2.10	0.0370	1612
2.20	0.0719	3131
2.30	0.1019	4437
2.40	0.1287	5605
2.50	0.1523	6633
2.60	0.1774	7726
2.70	0.1954	8512
2.80	0.2106	9175
2.90	0.2235	9737
3.00	0.2330	10148
3.10	0.2419	10535
3.20	0.2530	11020
3.30	0.2779	12104
3.40	0.3030	13198
3.50	0.3181	13855
3.60	0.3393	14780
3.70	0.3577	15581
3.80	0.3703	16129
3.90	0.3787	16496
4.00	0.3857	16800
4.10	0.3927	17108
4.20	0.3985	17358
4.30	0.4033	17567
4.40	0.4070	17731
4.50	0.4126	17972
4.59	0.4161	18126
4.69	0.4202	18305
4.79	0.4250	18515
4.90	0.4262	18567
5.00	0.4274	18619
5.09	0.4279	18641
5.19	0.4294	18703
5.29	0.4305	18753
5.40	0.4310	18774
5.49	0.4313	18787
5.60	0.4323	18832

Stage [ft]	Area [ac]	Area [ft2]
5.70	0.4333	18875
5.80	0.4340	18904
5.89	0.4351	18955
6.00	0.4362	19002
6.09	0.4367	19023
6.20	0.4373	19048
6.30	0.4379	19075
6.40	0.4386	19104
6.50	0.4391	19127
6.60	0.4391	19127

Comment: stage area reprocessed for pcm

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S01	25YR24HR	0.00	0.00	1.17	0.0010	7.06	7.04	130	12.0630	24.4068	0.0416	0.0449

Node: N-S01A

Scenario: 02 Proposed - Basins
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
1.45	0.0000	2
1.50	0.0003	14
1.60	0.0014	63
1.70	0.0033	143
1.80	0.0080	348
1.90	0.0164	713
2.00	0.0267	1163
2.10	0.0360	1566
2.20	0.0459	1999
2.30	0.0541	2355
2.40	0.0602	2623
2.50	0.0639	2782

Stage [ft]	Area [ac]	Area [ft2]
2.60	0.0666	2899
2.70	0.0707	3081
2.80	0.0779	3392
2.90	0.0858	3739
3.00	0.0978	4261
3.10	0.1071	4666
3.20	0.1152	5018
3.30	0.1258	5480
3.40	0.1412	6151
3.50	0.1535	6685
3.60	0.1658	7221
3.70	0.1800	7841
3.80	0.1914	8336
3.90	0.2033	8855
4.00	0.2157	9396
4.10	0.2237	9743
4.20	0.2260	9843
4.30	0.2273	9901
4.40	0.2288	9968
4.50	0.2298	10008
4.60	0.2310	10061
4.70	0.2316	10089
4.79	0.2322	10115
4.90	0.2324	10124
5.00	0.2324	10124

Comment: stage area reprocessed for pcm

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
N-S01A	25YR24HR	0.00	0.00	2.10	0.0048	14.15	9.04	1558	0.0359	0.0093	0.0133	0.0110

Node: SLL_BNDRY

Scenario: 02 Proposed - Basins
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 0.58 ft
Warning Stage: 0.00 ft

Alert Stage: 0.00 ft
Boundary Stage: SLL_BNDRY

Comment:

Node Max Conditions w/ Times [02 Proposed - Basins]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
SLL_BNDRY	25YR24HR	0.00	0.00	0.58	0.0000	77.95	30.28	0	0.0000	0.0000	12.0742	0.0005

Pipe Link: P-GHS-01		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	-0.55 ft	Invert:	-0.97 ft
From Node:	N-GHS-01	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	SLL_BNDRY	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	94.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-GHS-02		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	0.50 ft	Invert:	0.00 ft
From Node:	N-GHS-02	Manning's N:	0.0090	Manning's N:	0.0090
To Node:	SLL_BNDRY	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	0.67 ft	Max Depth:	0.67 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	88.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	

Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0		Top Clip		
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-GHS-03		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	0.18 ft	Invert:	-0.60 ft
From Node:	N-GHS-03	Manning's N:	0.0110	Manning's N:	0.0011
To Node:	SLL_BNDRY	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both		Bottom Clip		
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	77.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0		Top Clip		
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-GHS-04		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	-0.07 ft	Invert:	-0.27 ft
From Node:	N-CC-02	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	N-GHS-01	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both		Bottom Clip		
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	70.00 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0		Top Clip		
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-ML-01		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	0.38 ft	Invert:	0.37 ft
From Node:	N-ML-01	Manning's N:	0.0090	Manning's N:	0.0090
To Node:	SLL_BNDRY	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	118.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-ML-02		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	0.17 ft	Invert:	0.13 ft
From Node:	N-ML-02	Manning's N:	0.0090	Manning's N:	0.0090
To Node:	N-ML-01	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	21.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-ML-03		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	-0.99 ft	Invert:	-1.18 ft
From Node:	N-ML-03	Manning's N:	0.0200	Manning's N:	0.0200
To Node:	SLL_BNDRY	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	119.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			

Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-ML-04		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	-0.35 ft	Invert:	-0.84 ft
From Node:	N-ML-04	Manning's N:	0.0090	Manning's N:	0.0090
To Node:	N-ML-03	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	22.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-ML-05		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	-0.08 ft	Invert:	-0.80 ft
From Node:	N-ML-05	Manning's N:	0.0090	Manning's N:	0.0090
To Node:	SLL_BNDRY	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	123.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-ML-06		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	-0.16 ft	Invert:	-0.12 ft

From Node:	N-ML-06	Manning's N:	0.0090	Manning's N:	0.0090
To Node:	N-ML-05	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	22.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-PS-01		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	0.41 ft	Invert:	-1.73 ft
From Node:	N-PS-01	Manning's N:	0.0090	Manning's N:	0.0090
To Node:	SLL_BNDRY	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	40.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-PS-02		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	-0.17 ft	Invert:	-0.83 ft
From Node:	N-PS-02	Manning's N:	0.0090	Manning's N:	0.0090
To Node:	SLL_BNDRY	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	121.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	

Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-PS-03		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	-0.19 ft	Invert:	-0.18 ft
From Node:	N-PS-03	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	N-PS-02	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	23.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-PS-04		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	-0.69 ft	Invert:	-1.56 ft
From Node:	N-PS-04	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	SLL_BNDRY	Geometry:	Circular	Geometry:	Circular
Link Count:	1	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	121.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-PS-05		Upstream		Downstream	
Scenario:	01 Existing - Basins	Invert:	-0.81 ft	Invert:	-0.69 ft
From Node:	N-PS-05	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	N-PS-04	Geometry:	Circular	Geometry:	Circular

Link Count:	1	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	24.00 ft	Op Table:		Op Table:	
FHWA Code:	1	Ref Node:		Ref Node:	
Entr Loss Coef:	1	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	0	Top Clip			
Bend Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Weir Link: W-GHS-01

Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-GHS-01B	Default:	0.00 ft
To Node:	N-GHS-01	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.05 ft	Discharge Coefficients	
Control Elevation:	2.05 ft	Weir Default:	2.800
Max Depth:	2.33 ft	Weir Table:	
Max Width:	3.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-GHS-01-SLOT

Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-GHS-01B	Default:	0.00 ft
To Node:	N-GHS-01	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Sharp Crested Vertical	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	0.18 ft	Discharge Coefficients	
Control Elevation:	0.18 ft	Weir Default:	2.800
Max Depth:	1.75 ft	Weir Table:	
Max Width:	2.10 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment: Elevation measured during field visit on May 3rd.

Weir Link: W-GHS-01B			
Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-GHS-01B	Default:	0.00 ft
To Node:	N-CC-01B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.23 ft	Discharge Coefficients	
Control Elevation:	2.23 ft	Weir Default:	2.600
Cross Section:	X-GHS-01B	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-GHS-01C			
Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-GHS-01B	Default:	0.00 ft
To Node:	N-GHS-02	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.11 ft	Discharge Coefficients	
Control Elevation:	2.11 ft	Weir Default:	2.600
Cross Section:	X-GHS-01C	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment: Elevation measured during field visit on May 3rd.

Weir Link: W-GHS-02			
Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-GHS-02	Default:	0.00 ft
To Node:	N-GHS-03	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	1.66 ft	Discharge Coefficients	
Control Elevation:	1.66 ft	Weir Default:	2.600
Cross Section:	X-GHS-02	Weir Table:	
		Orifice Default:	0.600

	Orifice Table:

Comment:

Weir Link: W-GHS-02B

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-GHS-02	Default:	0.00 ft
To Node:	N-ML-05	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	1.88 ft	**Discharge Coefficients**	
Control Elevation:	1.88 ft	Weir Default:	2.600
Cross Section:	X-GHS-02B	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-GHS-02C

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-GHS-02	Default:	0.00 ft
To Node:	N-CC-01B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.06 ft	**Discharge Coefficients**	
Control Elevation:	2.06 ft	Weir Default:	2.600
Cross Section:	X-GHS-02C	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-01

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-ML-01B	Default:	0.00 ft
To Node:	N-ML-01	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	

Damping:	0.0000 ft		
Weir Type:	Horizontal	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	1.83 ft	Ref Node:	
Control Elevation:	1.83 ft	Discharge Coefficients	
Max Depth:	2.00 ft	Weir Default:	2.800
Max Width:	2.00 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-01B

Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-ML-01B	Default:	0.00 ft
To Node:	N-ML-02B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.11 ft	Discharge Coefficients	
Control Elevation:	2.11 ft	Weir Default:	2.600
Cross Section:	X-ML-01B	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-02

Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-ML-02B	Default:	0.00 ft
To Node:	N-ML-02	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	1.71 ft	Discharge Coefficients	
Control Elevation:	1.71 ft	Weir Default:	2.800
Max Depth:	1.50 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-ML-03

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-ML-03B	Default:	0.00 ft
To Node:	N-ML-03	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	1.51 ft	**Discharge Coefficients**	
Control Elevation:	1.51 ft	Weir Default:	2.800
Max Depth:	2.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-ML-03B

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-ML-03B	Default:	0.00 ft
To Node:	N-ML-04B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	1.99 ft	**Discharge Coefficients**	
Control Elevation:	1.99 ft	Weir Default:	2.600
Cross Section:	X-ML-03B	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-03C

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-ML-03B	Default:	0.00 ft
To Node:	N-ML-01B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	1.99 ft	**Discharge Coefficients**	
Control Elevation:	1.99 ft	Weir Default:	2.600
Cross Section:	X-ML-03C	Weir Table:	
		Orifice Default:	0.600

	Orifice Table:

Comment:

Weir Link: W-ML-04

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-ML-04B	Default:	0.00 ft
To Node:	N-ML-04	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	1.50 ft	**Discharge Coefficients**	
Control Elevation:	1.50 ft	Weir Default:	2.600
Max Depth:	1.50 ft	Weir Table:	
Max Width:	1.50 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-ML-04C

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-ML-04B	Default:	0.00 ft
To Node:	N-ML-02B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.02 ft	**Discharge Coefficients**	
Control Elevation:	2.02 ft	Weir Default:	2.600
Cross Section:	X-ML-04C	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-05

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-ML-05B	Default:	0.00 ft
To Node:	N-ML-05	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	

Damping:	0.0000 ft		
Weir Type:	Horizontal	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	1.50 ft	Ref Node:	
Control Elevation:	1.50 ft	Discharge Coefficients	
Max Depth:	2.00 ft	Weir Default:	2.800
Max Width:	2.00 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-05B

Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-ML-05B	Default:	0.00 ft
To Node:	N-ML-06B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	1.94 ft	Discharge Coefficients	
Control Elevation:	1.94 ft	Weir Default:	2.600
Cross Section:	X-ML-05B	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-05D

Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-ML-05B	Default:	0.00 ft
To Node:	N-ML-03B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.20 ft	Discharge Coefficients	
Control Elevation:	2.20 ft	Weir Default:	2.600
Cross Section:	X-ML-05D	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-06			
Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-ML-06B	Default:	0.00 ft
To Node:	N-ML-06	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	1.78 ft	Discharge Coefficients	
Control Elevation:	1.78 ft	Weir Default:	2.800
Max Depth:	2.00 ft	Weir Table:	
Max Width:	1.50 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	
Comment:			

Weir Link: W-ML-06B			
Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-ML-06B	Default:	0.00 ft
To Node:	N-GHS-03	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	1.99 ft	Discharge Coefficients	
Control Elevation:	1.99 ft	Weir Default:	2.600
Cross Section:	X-ML-06B	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	
Comment:			

Weir Link: W-ML-06C			
Scenario:	01 Existing - Basins	Bottom Clip	
From Node:	N-ML-06B	Default:	0.00 ft
To Node:	N-ML-04B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.22 ft	Discharge Coefficients	
Control Elevation:	2.22 ft	Weir Default:	2.600
Cross Section:	X-ML-06C	Weir Table:	
		Orifice Default:	0.600

	Orifice Table:

Comment:

Weir Link: W-PS-01

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-PS-01B	Default:	0.00 ft
To Node:	N-PS-01	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	1.77 ft	**Discharge Coefficients**	
Control Elevation:	1.77 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.50 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-PS-02

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-PS-02B	Default:	0.00 ft
To Node:	N-PS-02	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	1.67 ft	**Discharge Coefficients**	
Control Elevation:	1.67 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	3.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-PS-02B

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-PS-02B	Default:	0.00 ft
To Node:	N-PS-03B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	

Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	1.88 ft
Control Elevation:	1.88 ft
Cross Section:	X-PS-02B

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.600
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-02C

Scenario:	01 Existing - Basins
From Node:	N-PS-02B
To Node:	N-PS-01B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	2.08 ft
Control Elevation:	2.08 ft
Cross Section:	X-PS-02C

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-03

Scenario:	01 Existing - Basins
From Node:	N-PS-03B
To Node:	N-PS-03
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	1.64 ft
Control Elevation:	1.64 ft
Max Depth:	3.00 ft
Max Width:	3.00 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-03B

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-PS-03B	Default:	0.00 ft
To Node:	N-PS-01B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.06 ft	**Discharge Coefficients**	
Control Elevation:	2.06 ft	Weir Default:	2.800
Cross Section:	X-PS-03B	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-PS-04

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-PS-04B	Default:	0.00 ft
To Node:	N-PS-04	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	1.41 ft	**Discharge Coefficients**	
Control Elevation:	1.41 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	3.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-PS-04B

Scenario:	01 Existing - Basins	**Bottom Clip**	
From Node:	N-PS-04B	Default:	0.00 ft
To Node:	N-PS-05B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	1.74 ft	**Discharge Coefficients**	
Control Elevation:	1.74 ft	Weir Default:	2.600
Cross Section:	X-PS-04B	Weir Table:	
		Orifice Default:	0.600

	Orifice Table:

Comment:

Weir Link: W-PS-04C

Scenario:	01 Existing - Basins
From Node:	N-PS-04B
To Node:	N-PS-02B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	1.92 ft
Control Elevation:	1.92 ft
Cross Section:	X-PS-04C

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.600
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-05

Scenario:	01 Existing - Basins
From Node:	N-PS-05B
To Node:	N-PS-05
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	1.54 ft
Control Elevation:	1.54 ft
Max Depth:	3.00 ft
Max Width:	3.00 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-05B

Scenario:	01 Existing - Basins
From Node:	N-PS-05B
To Node:	N-PS-03B
Link Count:	1
Flow Direction:	Both

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	1.77 ft
Control Elevation:	1.77 ft
Cross Section:	X-PS-05B

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.600
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-06B

Scenario:	01 Existing - Basins
From Node:	N-GHS-03
To Node:	N-PS-04B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	2.09 ft
Control Elevation:	2.09 ft
Cross Section:	X-PS-06B

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.600
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-06C

Scenario:	01 Existing - Basins
From Node:	N-GHS-03
To Node:	N-PS-05B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Irregular
Invert:	2.24 ft
Control Elevation:	2.24 ft
Cross Section:	X-PS-06C

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.600
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Pipe Link: P-GHS-02		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.75 ft	Invert:	-1.00 ft
	Basins	Manning's N:	0.0090	Manning's N:	0.0090
From Node:	N-GHS-08	Geometry: Circular		Geometry: Circular	
To Node:	SLL_BNDRY	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	91.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-GHS-03		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	0.18 ft	Invert:	-0.60 ft
	Basins	Manning's N:	0.0110	Manning's N:	0.0110
From Node:	N-GHS-03	Geometry: Circular		Geometry: Circular	
To Node:	SLL_BNDRY	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	77.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-GHS-04A		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.07 ft	Invert:	-0.12 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-CC-02	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-GHS-04	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	18.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			

Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-GHS-04B		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-0.12 ft	Invert:	-0.19 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-GHS-04	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-GHS-05	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	22.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-GHS-04C		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-0.19 ft	Invert:	-0.27 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-GHS-05	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-GHS-01	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	30.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-GHS-05		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.25 ft	Invert:	-0.50 ft

	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-GHS-06	Geometry: Circular		Geometry: Circular	
To Node:	N-GHS-07	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	26.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-GHS-06		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.50 ft	Invert:	-0.75 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-GHS-07	Geometry: Circular		Geometry: Circular	
To Node:	N-GHS-08	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	13.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-GHS-08		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.50 ft	Invert:	-0.75 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-GHS-09	Geometry: Circular		Geometry: Circular	
To Node:	N-GHS-10	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	25.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	

Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-GHS-09		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.75 ft	Invert:	-1.00 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-GHS-10	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-GHS-03	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	9.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-GHS-10		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	0.00 ft	Invert:	-0.15 ft
	Basins	Manning's N:	0.0012	Manning's N:	0.0012
From Node:	N-GHS-13	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-GHS-12	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	35.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-GHS-11		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.15 ft	Invert:	-0.40 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-GHS-12	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	

To Node:	N-GHS-14	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	106.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-ML-01		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	0.38 ft	Invert:	0.37 ft
	Basins	Manning's N:	0.0090	Manning's N:	0.0090
From Node:	N-ML-01	Geometry: Circular		Geometry: Circular	
To Node:	SLL_BNDRY	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	118.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-ML-02		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	0.17 ft	Invert:	0.13 ft
	Basins	Manning's N:	0.0090	Manning's N:	0.0090
From Node:	N-ML-02	Geometry: Circular		Geometry: Circular	
To Node:	N-ML-01	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	21.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-ML-03		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-0.99 ft	Invert:	-1.18 ft
		Manning's N:	0.0200	Manning's N:	0.0200
From Node:	N-ML-03	Geometry: Circular		Geometry: Circular	
To Node:	SLL_BNDRY	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	119.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-ML-04		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-0.35 ft	Invert:	-0.84 ft
		Manning's N:	0.0090	Manning's N:	0.0090
From Node:	N-ML-04	Geometry: Circular		Geometry: Circular	
To Node:	N-ML-03	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	22.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-ML-05		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-0.08 ft	Invert:	-0.80 ft
		Manning's N:	0.0090	Manning's N:	0.0090
From Node:	N-ML-05	Geometry: Circular		Geometry: Circular	
To Node:	SLL_BNDRY	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			

Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	123.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-ML-06		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.16 ft	Invert:	-0.12 ft
	Basins	Manning's N:	0.0090	Manning's N:	0.0090
From Node:	N-ML-06	Geometry: Circular		Geometry: Circular	
To Node:	N-ML-05	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	22.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-ML-07		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.20 ft	Invert:	-0.30 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-ML-07	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-ML-09	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	13.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-ML-08		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-0.75 ft	Invert:	-1.00 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-ML-09	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-ML-08	Max Depth:	1.17 ft	Max Depth:	1.17 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	11.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-ML-09		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-1.25 ft	Invert:	-1.50 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-ML-08	Geometry: Circular		Geometry: Circular	
To Node:	SLL_BNDRY	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	127.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-ML-10		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-0.30 ft	Invert:	-0.75 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-ML-12	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-ML-09	Max Depth:	1.17 ft	Max Depth:	1.17 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	211.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			

Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-ML-11		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.20 ft	Invert:	-0.30 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-ML-11	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-ML-12	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	12.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-ML-12		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.20 ft	Invert:	-0.44 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-ML-10	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-ML-12	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	10.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-01		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	0.41 ft	Invert:	-1.73 ft

	Basins	Manning's N:	0.0090	Manning's N:	0.0090
From Node:	N-PS-01	Geometry: Circular		Geometry: Circular	
To Node:	SLL_BNDRY	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	40.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-02		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.17 ft	Invert:	-0.83 ft
	Basins	Manning's N:	0.0090	Manning's N:	0.0090
From Node:	N-PS-02	Geometry: Circular		Geometry: Circular	
To Node:	SLL_BNDRY	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	121.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-03		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.19 ft	Invert:	-0.18 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-03	Geometry: Circular		Geometry: Circular	
To Node:	N-PS-02	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	23.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	

Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-04		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.69 ft	Invert:	-1.56 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-04	Geometry: Circular		Geometry: Circular	
To Node:	SLL_BNDRY	Max Depth:	1.25 ft	Max Depth:	1.25 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	121.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-05		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.81 ft	Invert:	-0.69 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-05	Geometry: Circular		Geometry: Circular	
To Node:	N-PS-04	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	24.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	1	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-06		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	0.00 ft	Invert:	-0.30 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-08	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	

To Node:	N-PS-10	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	9.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-07		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	0.00 ft	Invert:	-0.30 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-09	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-PS-10	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	13.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-08		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	-0.50 ft	Invert:	-0.95 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-10	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-PS-13	Max Depth:	1.17 ft	Max Depth:	1.17 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	234.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-PS-09		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	0.00 ft	Invert:	-0.30 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-12	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-PS-13	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	9.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-PS-10		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-0.95 ft	Invert:	-1.00 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-13	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-PS-11	Max Depth:	1.17 ft	Max Depth:	1.17 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	13.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P-PS-11		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-1.00 ft	Invert:	-1.50 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-11	Geometry: Circular		Geometry: Circular	
To Node:	SLL_BNDRY	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			

Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	108.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-12		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	0.00 ft	Invert:	-0.30 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-14	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-PS-16	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	9.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-13		Upstream		Downstream	
Scenario:	02 Proposed -	Invert:	0.00 ft	Invert:	-0.30 ft
	Basins	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-15	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-PS-16	Max Depth:	1.00 ft	Max Depth:	1.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	13.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-14		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-0.50 ft	Invert:	-1.00 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-16	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	N-PS-17	Max Depth:	1.17 ft	Max Depth:	1.17 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	211.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Pipe Link: P-PS-15		Upstream		Downstream	
Scenario:	02 Proposed - Basins	Invert:	-1.00 ft	Invert:	-1.20 ft
		Manning's N:	0.0120	Manning's N:	0.0120
From Node:	N-PS-17	Geometry: Circular		Geometry: Circular	
To Node:	N-PS-01	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	20.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0	Top Clip			
Exit Loss Coef:	0	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0	Op Table:		Op Table:	
Bend Location:	0.00 dec	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0000	Manning's N:	0.0000
Comment:					

Weir Link: W-GHS-01			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-GHS-01B	Default:	0.00 ft
To Node:	N-GHS-01	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.05 ft	Discharge Coefficients	
Control Elevation:	2.05 ft	Weir Default:	2.800

Max Depth:	2.33 ft		
Max Width:	3.00 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-GHS-04

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-GHS-04B	Default:	0.00 ft
To Node:	N-GHS-04	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.67 ft	**Discharge Coefficients**	
Control Elevation:	2.67 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-GHS-05

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-GHS-05B	Default:	0.00 ft
To Node:	N-GHS-05	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.67 ft	**Discharge Coefficients**	
Control Elevation:	2.67 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-GHS-06

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-GHS-06B	Default:	0.00 ft
To Node:	N-GHS-06	Op Table:	

Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	2.50 ft
Control Elevation:	2.50 ft
Max Depth:	3.00 ft
Max Width:	2.00 ft
Fillet:	0.00 ft

Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-GHS-07

Scenario:	02 Proposed - Basins
From Node:	N-GHS-07B
To Node:	N-GHS-07
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	2.50 ft
Control Elevation:	2.50 ft
Max Depth:	3.00 ft
Max Width:	2.00 ft
Fillet:	0.00 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-GHS-09

Scenario:	02 Proposed - Basins
From Node:	N-GHS-09B
To Node:	N-GHS-09
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	2.25 ft
Control Elevation:	2.25 ft
Max Depth:	3.00 ft
Max Width:	2.00 ft
Fillet:	0.00 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-GHS-10

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-GHS-10B	Default:	0.00 ft
To Node:	N-GHS-10	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.25 ft	**Discharge Coefficients**	
Control Elevation:	2.25 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-GHS-B04-B05

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-GHS-04B	Default:	0.00 ft
To Node:	N-GHS-05B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.75 ft	**Discharge Coefficients**	
Control Elevation:	2.75 ft	Weir Default:	2.800
Cross Section:	X-GHS-B04-B05	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-GHS-B04-B06

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-GHS-04B	Default:	0.00 ft
To Node:	N-GHS-06B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.75 ft	**Discharge Coefficients**	
Control Elevation:	0.00 ft	Weir Default:	2.800
Cross Section:	X-GHS-B04-B06	Weir Table:	
		Orifice Default:	0.600

Orifice Table:	

Comment:

Weir Link: W-GHS-B05-B07

Scenario:	02 Proposed - Basins
From Node:	N-GHS-05B
To Node:	N-GHS-07B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	2.75 ft
Control Elevation:	2.75 ft
Cross Section:	X-GHS-B05-B07

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-GHS-B06-B09

Scenario:	02 Proposed - Basins
From Node:	N-GHS-06B
To Node:	N-GHS-09B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	2.75 ft
Control Elevation:	2.75 ft
Cross Section:	X-GHS-B06-B09

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-GHS-B07-B07

Scenario:	02 Proposed - Basins
From Node:	N-GHS-06B
To Node:	N-GHS-07B
Link Count:	1
Flow Direction:	Both

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	2.75 ft
Control Elevation:	2.75 ft
Cross Section:	X-GHS-B06-B07

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-GHS-B07-B10

Scenario:	02 Proposed - Basins
From Node:	N-GHS-07B
To Node:	N-GHS-10B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	2.75 ft
Control Elevation:	2.75 ft
Cross Section:	X-GHS-B07-B10

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-GHS-B09-B10

Scenario:	02 Proposed - Basins
From Node:	N-GHS-09B
To Node:	N-GHS-10B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	2.50 ft
Control Elevation:	2.50 ft
Cross Section:	X-GHS-B09-B10

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-GHS-B09-B12			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-GHS-09B	Default:	0.00 ft
To Node:	N-GHS-12	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	Discharge Coefficients	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-GHS-B09-B12	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	
Comment:			

Weir Link: W-GHS-B10-B23			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-GHS-10B	Default:	0.00 ft
To Node:	N-GHS-13	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	Discharge Coefficients	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-GHS-B10-B13	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	
Comment:			

Weir Link: W-GHS-B12-B13			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-GHS-12	Default:	0.00 ft
To Node:	N-GHS-13	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.40 ft	Discharge Coefficients	
Control Elevation:	2.40 ft	Weir Default:	2.800
Cross Section:	X-GHS-B12-B13	Weir Table:	
		Orifice Default:	0.600

	Orifice Table:

Comment:

Weir Link: W-GHS-ML-01

Scenario:	02 Proposed - Basins
From Node:	N-GHS-07B
To Node:	N-ML-05B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	2.75 ft
Control Elevation:	2.75 ft
Cross Section:	X-GHS-ML-01

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-GHS-ML-02

Scenario:	02 Proposed - Basins
From Node:	N-GHS-10B
To Node:	N-ML-06B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	2.75 ft
Control Elevation:	2.75 ft
Cross Section:	X-GHS-ML-02

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-GHS-PS-01

Scenario:	02 Proposed - Basins
From Node:	N-GHS-10
To Node:	N-PS-12B
Link Count:	1
Flow Direction:	Both

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Top Clip	

Damping:	0.0000 ft		
Weir Type:	Paved Road Vertical	Default:	0.00 ft
Geometry Type:	Irregular	Op Table:	
Invert:	2.25 ft	Ref Node:	
Control Elevation:	2.25 ft	Discharge Coefficients	
Cross Section:	X-GHS-PS-01	Weir Default:	2.800
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-GHS-PS-02

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-GHS-13	Default:	0.00 ft
To Node:	N-PS-11B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.25 ft	Discharge Coefficients	
Control Elevation:	2.25 ft	Weir Default:	2.800
Cross Section:	X-GHS-PS-02	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-01

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-01B	Default:	0.00 ft
To Node:	N-ML-01	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.27 ft	Discharge Coefficients	
Control Elevation:	2.27 ft	Weir Default:	2.800
Max Depth:	2.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-ML-01B-02B			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-01B	Default:	0.00 ft
To Node:	N-ML-02B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	Discharge Coefficients	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-ML-B01-B02	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	
Comment:			

Weir Link: W-ML-02			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-02B	Default:	0.00 ft
To Node:	N-ML-02	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.25 ft	Discharge Coefficients	
Control Elevation:	2.25 ft	Weir Default:	2.800
Max Depth:	1.50 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	
Comment:			

Weir Link: W-ML-03			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-03B	Default:	0.00 ft
To Node:	N-ML-03	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	Discharge Coefficients	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	2.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600

Fillet:	0.00 ft		
		Orifice Table:	

Comment:

Weir Link: W-ML-04

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-ML-04B	Default:	0.00 ft
To Node:	N-ML-04	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	**Discharge Coefficients**	
Control Elevation:	2.00 ft	Weir Default:	2.600
Max Depth:	1.50 ft	Weir Table:	
Max Width:	1.50 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-ML-05

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-ML-05B	Default:	0.00 ft
To Node:	N-ML-05	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	**Discharge Coefficients**	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	2.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-ML-06

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-ML-06B	Default:	0.00 ft
To Node:	N-ML-06	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	

Damping:	0.0000 ft		
Weir Type:	Horizontal	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	2.00 ft	Ref Node:	
Control Elevation:	2.00 ft	Discharge Coefficients	
Max Depth:	2.00 ft	Weir Default:	2.800
Max Width:	1.50 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-07

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-07B	Default:	0.00 ft
To Node:	N-ML-07	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	Discharge Coefficients	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-ML-08

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-08B	Default:	0.00 ft
To Node:	N-ML-08	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	Discharge Coefficients	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-ML-B01-B03			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-01B	Default:	0.00 ft
To Node:	N-ML-03B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	Discharge Coefficients	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-ML-B01-B03	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-B02-B04			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-02B	Default:	0.00 ft
To Node:	N-ML-04B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	Discharge Coefficients	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-ML-B02-B04	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-B03-B04			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-03B	Default:	0.00 ft
To Node:	N-ML-04B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.25 ft	Discharge Coefficients	
Control Elevation:	2.25 ft	Weir Default:	2.800
Cross Section:	X-ML-B03-B04	Weir Table:	
		Orifice Default:	0.600

Orifice Table:	

Comment:

Weir Link: W-ML-B03-B11

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-ML-03B	Default:	0.00 ft
To Node:	N-ML-11B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	**Discharge Coefficients**	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-ML-B03-B11	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-B04-B10

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-ML-04B	Default:	0.00 ft
To Node:	N-ML-10B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	**Discharge Coefficients**	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-ML-B04-B10	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-B05-B06

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-ML-05B	Default:	0.00 ft
To Node:	N-ML-06B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	

Damping:	0.0000 ft		
Weir Type:	Paved Road Vertical	Default:	0.00 ft
Geometry Type:	Irregular	Op Table:	
Invert:	2.25 ft	Ref Node:	
Control Elevation:	2.25 ft	Discharge Coefficients	
Cross Section:	X-ML-B05-B06	Weir Default:	2.800
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-B05-B07

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-05B	Default:	0.00 ft
To Node:	N-ML-07B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	Discharge Coefficients	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-ML-B05-B07	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-B06-B08

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-06B	Default:	0.00 ft
To Node:	N-ML-08B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	Discharge Coefficients	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-ML-B06-B08	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-B07-B08			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-07B	Default:	0.00 ft
To Node:	N-ML-08B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.25 ft	Discharge Coefficients	
Control Elevation:	2.25 ft	Weir Default:	2.800
Cross Section:	X-ML-B07-B08	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-B07-B11			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-07B	Default:	0.00 ft
To Node:	N-ML-11B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.45 ft	Discharge Coefficients	
Control Elevation:	2.45 ft	Weir Default:	2.800
Cross Section:	X-ML-B07-B11	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-B08-B10			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-ML-08B	Default:	0.00 ft
To Node:	N-ML-10B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.45 ft	Discharge Coefficients	
Control Elevation:	2.45 ft	Weir Default:	2.800
Cross Section:	X-ML-B08-B10	Weir Table:	
		Orifice Default:	0.600

	Orifice Table:

Comment:

Weir Link: W-ML-B10

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-ML-10B	Default:	0.00 ft
To Node:	N-ML-10	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	**Discharge Coefficients**	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-ML-B10-B11

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-ML-10B	Default:	0.00 ft
To Node:	N-ML-11B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.25 ft	**Discharge Coefficients**	
Control Elevation:	2.25 ft	Weir Default:	2.800
Cross Section:	X-ML-B10-B11	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-ML-N11

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-ML-11B	Default:	0.00 ft
To Node:	N-ML-11	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	

Damping:	0.0000 ft		
Weir Type:	Horizontal	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	2.00 ft	Ref Node:	
Control Elevation:	2.00 ft	Discharge Coefficients	
Max Depth:	3.00 ft	Weir Default:	2.800
Max Width:	2.00 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-PS-01

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-01B	Default:	0.00 ft
To Node:	N-PS-01	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	1.77 ft	Discharge Coefficients	
Control Elevation:	1.77 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.50 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-PS-02

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-02B	Default:	0.00 ft
To Node:	N-PS-02	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	Discharge Coefficients	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	3.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-PS-03			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-03B	Default:	0.00 ft
To Node:	N-PS-03	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	Discharge Coefficients	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	3.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	
Comment:			

Weir Link: W-PS-04			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-04B	Default:	0.00 ft
To Node:	N-PS-04	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	Discharge Coefficients	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	3.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	
Comment:			

Weir Link: W-PS-05			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-05B	Default:	0.00 ft
To Node:	N-PS-05	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	Discharge Coefficients	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	3.00 ft	Orifice Default:	0.600

Fillet:	0.00 ft		
		Orifice Table:	

Comment:

Weir Link: W-PS-08

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-PS-08B	Default:	0.00 ft
To Node:	N-PS-08	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	**Discharge Coefficients**	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-PS-B02-B03

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-PS-02B	Default:	0.00 ft
To Node:	N-PS-03B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.25 ft	**Discharge Coefficients**	
Control Elevation:	2.25 ft	Weir Default:	2.800
Cross Section:	X-PS-B02-B03	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-PS-B02-B04

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-PS-02B	Default:	0.00 ft
To Node:	N-PS-04B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	

Damping:	0.0000 ft		
Weir Type:	Paved Road Vertical	Default:	0.00 ft
Geometry Type:	Irregular	Op Table:	
Invert:	2.50 ft	Ref Node:	
Control Elevation:	2.50 ft	Discharge Coefficients	
Cross Section:	X-PS-B02-B04	Weir Default:	2.800
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-PS-B02-B14

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-02B	Default:	0.00 ft
To Node:	N-PS-14B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	Discharge Coefficients	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-PS-B02-B14	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-PS-B03-B05

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-03B	Default:	0.00 ft
To Node:	N-PS-05B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	Discharge Coefficients	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-PS-B03-B05	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-PS-B03-B15			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-03B	Default:	0.00 ft
To Node:	N-PS-15B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.50 ft	Discharge Coefficients	
Control Elevation:	2.50 ft	Weir Default:	2.800
Cross Section:	X-PS-B03-B15	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-PS-B08-B04			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-08B	Default:	0.00 ft
To Node:	N-PS-04B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.35 ft	Discharge Coefficients	
Control Elevation:	2.35 ft	Weir Default:	2.800
Cross Section:	X-PS-B08-B04	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-PS-B08-B09			
Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-08B	Default:	0.00 ft
To Node:	N-PS-09B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.25 ft	Discharge Coefficients	
Control Elevation:	2.25 ft	Weir Default:	2.800
Cross Section:	X-PS-B08-B09	Weir Table:	
		Orifice Default:	0.600

	Orifice Table:

Comment:

Weir Link: W-PS-B08-B12

Scenario:	02 Proposed - Basins
From Node:	N-PS-08B
To Node:	N-PS-12B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	2.40 ft
Control Elevation:	2.40 ft
Cross Section:	X-PS-B08-B12

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-B09

Scenario:	02 Proposed - Basins
From Node:	N-PS-09B
To Node:	N-PS-09
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	2.00 ft
Control Elevation:	2.00 ft
Max Depth:	3.00 ft
Max Width:	2.00 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-B09-B05

Scenario:	02 Proposed - Basins
From Node:	N-PS-09B
To Node:	N-PS-05B
Link Count:	1
Flow Direction:	Both

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Damping:	0.0000 ft		
Weir Type:	Paved Road Vertical	Default:	0.00 ft
Geometry Type:	Irregular	Op Table:	
Invert:	2.35 ft	Ref Node:	
Control Elevation:	2.35 ft	Discharge Coefficients	
Cross Section:	X-PS-B09-B05	Weir Default:	2.800
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-PS-B09-B11

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-09B	Default:	0.00 ft
To Node:	N-PS-11B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.40 ft	Discharge Coefficients	
Control Elevation:	2.40 ft	Weir Default:	2.800
Cross Section:	X-PS-B09-B11	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-PS-B11

Scenario:	02 Proposed - Basins	Bottom Clip	
From Node:	N-PS-11B	Default:	0.00 ft
To Node:	N-PS-11	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	Discharge Coefficients	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-PS-B11-B12

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-PS-11B	Default:	0.00 ft
To Node:	N-PS-12B	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Irregular	Ref Node:	
Invert:	2.25 ft	**Discharge Coefficients**	
Control Elevation:	2.25 ft	Weir Default:	2.800
Cross Section:	X-PS-B11-B12	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Comment:

Weir Link: W-PS-B12

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-PS-12B	Default:	0.00 ft
To Node:	N-PS-12	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Horizontal	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	**Discharge Coefficients**	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	

Comment:

Weir Link: W-PS-B14

Scenario:	02 Proposed - Basins	**Bottom Clip**	
From Node:	N-PS-14B	Default:	0.00 ft
To Node:	N-PS-14	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	**Top Clip**	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	2.00 ft	**Discharge Coefficients**	
Control Elevation:	2.00 ft	Weir Default:	2.800
Max Depth:	3.00 ft	Weir Table:	
Max Width:	2.00 ft	Orifice Default:	0.600

Fillet:	0.00 ft
	Orifice Table:

Comment:

Weir Link: W-PS-B14-B01

Scenario:	02 Proposed - Basins
From Node:	N-PS-14B
To Node:	N-PS-01B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	2.40 ft
Control Elevation:	2.40 ft
Cross Section:	X-PS-B01-B14

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-B14-B15

Scenario:	02 Proposed - Basins
From Node:	N-PS-14B
To Node:	N-PS-15B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	2.25 ft
Control Elevation:	2.25 ft
Cross Section:	X-PS-B14-B15

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-B15

Scenario:	02 Proposed - Basins
From Node:	N-PS-15B
To Node:	N-PS-15
Link Count:	1
Flow Direction:	Both

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	2.00 ft
Control Elevation:	2.00 ft
Max Depth:	3.00 ft
Max Width:	2.00 ft
Fillet:	0.00 ft

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: W-PS-B15-B01

Scenario:	02 Proposed - Basins
From Node:	N-PS-15B
To Node:	N-PS-01B
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Paved Road Vertical
Geometry Type:	Irregular
Invert:	2.40 ft
Control Elevation:	2.40 ft
Cross Section:	X-PS-B01-B15

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Cross Section: X-GHS-B04-B05

Scenario: 02 Proposed - Basins

Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	3.20
1	185.00	2.75
2	325.00	3.00

Comment:

Weir Cross Section: X-GHS-B04-B06

Scenario: 02 Proposed - Basins

Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	12.00	3.00

Comment:

Weir Cross Section: X-GHS-B05-B07

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	12.00	3.00

Comment:

Weir Cross Section: X-GHS-B06-B07

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	3.00
1	230.00	2.75
2	372.00	3.00

Comment:

Weir Cross Section: X-GHS-B06-B09

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	12.00	3.00

Comment:

Weir Cross Section: X-GHS-B07-B10

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	12.00	3.00

Comment:

Weir Cross Section: X-GHS-B09-B10

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	3.00
1	233.00	2.50
2	306.00	2.75

Comment:

Weir Cross Section: X-GHS-B09-B12

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	12.00	2.75

Comment:

Weir Cross Section: X-GHS-B10-B13

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	12.00	2.75

Comment:

Weir Cross Section: X-GHS-B12-B13

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	80.00	2.50
2	133.00	2.40

Comment:

Weir Cross Section: X-GHS-ML-01

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	12.00	3.00

Comment:

Weir Cross Section: X-GHS-ML-02

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	12.00	3.00

Comment:

Weir Cross Section: X-GHS-PS-01

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.25
1	12.00	2.50

Comment:

Weir Cross Section: X-GHS-PS-02

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.25
1	12.00	2.50

Comment:

Weir Cross Section: X-ML-B01-B02

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	156.00	2.50
2	398.00	3.00

Comment:

Weir Cross Section: X-ML-B01-B03

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	10.00	2.75

Comment:

Weir Cross Section: X-ML-B02-B04

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	10.00	2.75

Comment:

Weir Cross Section: X-ML-B03-B04

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	140.00	2.25
2	300.00	2.75

Comment:

Weir Cross Section: X-ML-B03-B11

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	10.00	2.75

Comment:

Weir Cross Section: X-ML-B04-B10

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	10.00	2.75

Comment:

Weir Cross Section: X-ML-B05-B06

Scenario: 02 Proposed - Basins

Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	3.00
1	296.00	2.25
2	450.00	2.75

Comment:

Weir Cross Section: X-ML-B05-B07

Scenario: 02 Proposed - Basins

Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	10.00	2.75

Comment:

Weir Cross Section: X-ML-B06-B08

Scenario: 02 Proposed - Basins

Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	10.00	2.75

Comment:

Weir Cross Section: X-ML-B07-B08

Scenario: 02 Proposed - Basins

Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	156.00	2.25
2	265.00	2.70

Comment:

Weir Cross Section: X-ML-B07-B11

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.45
1	10.00	2.70

Comment:

Weir Cross Section: X-ML-B08-B10

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.45
1	10.00	2.70

Comment:

Weir Cross Section: X-ML-B10-B11

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.70
1	109.00	2.25
2	255.00	2.75

Comment:

Weir Cross Section: X-PS-B01-B14

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.40
1	10.00	2.65

Comment:

Weir Cross Section: X-PS-B01-B15

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.40
1	10.00	2.65

Comment:

Weir Cross Section: X-PS-B02-B03

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	125.00	2.25
2	225.00	2.75

Comment:

Weir Cross Section: X-PS-B02-B04

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	10.00	2.75

Comment:

Weir Cross Section: X-PS-B02-B14

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	10.00	2.75

Comment:

Weir Cross Section: X-PS-B03-B05

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	10.00	2.75

Comment:

Weir Cross Section: X-PS-B03-B15

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	10.00	2.75

Comment:

Weir Cross Section: X-PS-B04-B05

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.60
1	117.00	2.25
2	235.00	2.75

Comment:

Weir Cross Section: X-PS-B08-B04

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.35
1	10.00	2.60

Comment:

Weir Cross Section: X-PS-B08-B09

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.65
1	115.00	2.25
2	235.00	2.60

Comment:

Weir Cross Section: X-PS-B08-B12

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.40
1	10.00	2.65

Comment:

Weir Cross Section: X-PS-B09-B05

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.35
1	10.00	2.60

Comment:

Weir Cross Section: X-PS-B09-B11

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.40
1	10.00	2.65

Comment:

Weir Cross Section: X-PS-B11-B12

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.50
1	140.00	2.25
2	260.00	2.65

Comment:

Weir Cross Section: X-PS-B14-B15

Scenario: 02 Proposed - Basins
Lid: No

Bottom Point Table

Order	Station [ft]	Elevation [ft]
0	0.00	2.75
1	135.00	2.25

Order	Station [ft]	Elevation [ft]
2	185.00	2.65

Comment:

Simulation: 25YR24HR

Scenario: 01 Existing - Basins
Run Date/Time: 5/8/2026 11:34:13 AM
Program Version: StormWise 4.08.03

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	30.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set: MHHWL
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6		
Over-Relax Weight Fact:	0.5 dec	Ia/S:	0.20 dec
dZ Tolerance:	0.0010 ft		
Max dZ:	1.0000 ft	Smp/Man Basin Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft		
		Rainfall Name:	~FLMOD
		Rainfall Amount:	8.00 in
		Storm Duration:	24.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 25YR24HR

Scenario:	02 Proposed - Basins
Run Date/Time:	5/8/2026 11:35:34 AM
Program Version:	StormWise 4.08.03

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	30.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:

Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set: MHHWL
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

IA Recovery Time: 24.0000 hr
Ia/S: 0.20 dec
Smp/Man Basin Rain Opt: Global
Rainfall Name: ~FLMOD
Rainfall Amount: 8.00 in
Storm Duration: 24.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment: