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APPLEBEE'S #804 EVANSVILLE, IN

********** Input Report **********

--------Class: Node----------

Name: I-1 Base Flow(cfs): 0 Init Stage(ft): 458.5
Group: BASE Warn Stage(ft): 462.5
Comment: CURB INLET AT SAG IN CURB

Stage(ft)	Area(ac) [Manhole, Flat Floor]
458.5	0
462	0.01
462.5	0.04

--------Class: Node----------

Name: I-2 Base Flow(cfs): 0 Init Stage(ft): 458.2
Group: BASE Warn Stage(ft): 462.8
Comment: GRATED INLET IN PARKING LOT

Stage(ft)	Area(ac) [Manhole, Flat Floor]
458.2	0
462.8	0.01
463	0.04

--------Class: Node----------

Name: O-1 Base Flow(cfs): 0 Init Stage(ft): 457
Group: BASE Warn Stage(ft): 461
Comment: NEW MANHOLE AT TIE IN ASSMUE FULL FLOW IN PIPE

Time(hrs)	Stage(ft)
0	457
8	457.5
12	459
20	457.8
24	457.2
48	457

--------Class: Basin----------

Basin: I-1 Node: I-1 Status: On Site Type: SCS Unit Hydr
Group: BASE
Unit Hydrograph: UH484 Peak Factor: 484
Rainfall File: SCSII-24 Storm Duration(hrs): 0
Rainfall Amount(in): 0
Area(ac): 0.75 Concentration Time(min): 8
Curve #: 83 Time Shift(hrs): 0
DCIA(%): 0

CURB INLET AT SAG ON EAST SIDE

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APPLEBEE'S #804 EVANSVILLE, IN

********** Input Report **********

--------Class: Basin----------

Basin: I-2 Node: I-3 Status: On Site Type: SCS Unit Hydr
Group: BASE
Unit Hydrograph: UH484 Peak Factor: 484
Rainfall File: SCSII-24 Storm Duration(hrs): 0
Rainfall Amount(in): 0
Area(ac): 0.17 Concentration Time(min): 8
Curve #: 83 Time Shift(hrs): 0
DCIA(%): 0

GRATED INLET IN PARKING LOT

--------Class: Pipe----------

Name:	P-1	From Node:	I-1	Length(ft):	24
Group:	BASE	To Node:	I-2	Count:	1

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Equation:	Average K
Span(in):	15	15	Flow:	Both
Rise(in):	15	15	Entrance Loss Coef:	0.2
Invert(ft):	458.5	458.2	Exit Loss Coef:	0.1
Manning's N:	0.013	0.013	Bend Loss Coef:	0
Top Clip(in):	0	0	Outlet Cntrl Spec:	Use dc or tw
Bottom Clip(in):	0	0	Inlet Cntrl Spec:	Use dn
			Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Groove end w/ headwall 1 2

Downstream FHWA Inlet Edge Description:
Circular Concrete: Groove end w/ headwall 1 2

FROM CURB INLET TO GRATE INLET

□

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APPLEBEE'S #804 EVANSVILLE, IN

********** Input Report **********

--------Class: Pipe----------

Name:	P-2	From Node:	I-2	Length(ft):	113
Group:	BASE	To Node:	O-1	Count:	1

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Equation:	Average K
Span(in):	15	15	Flow:	Both
Rise(in):	15	15	Entrance Loss Coef:	0.2
Invert(ft):	458.2	457	Exit Loss Coef:	0.1
Manning's N:	0.013	0.013	Bend Loss Coef:	0
Top Clip(in):	0	0	Outlet Cntrl Spec:	Use dc or tw
Bottom Clip(in):	0	0	Inlet Cntrl Spec:	Use dn
			Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Groove end w/ headwall 1 2

Downstream FHWA Inlet Edge Description:
Circular Concrete: Groove end w/ headwall 1 2

FROM GRATED INLET TO NEW MANHOLE AT TIE IN

--------Class: Simulation----------

N:\ICPR2\00122\2YR
Execution: Both
Header: APPLEBEE'S #804
EVANSVILLE, IN

---------HYDRAULICS----------HYDROLOGY----------

Max Delta Z (ft):	1		
Delta Z Factor:	0.01	Override Defaults:	Yes
Time Step Optimizer:	0	Storm Dur(hrs):	24
Drop Structure Optimizer:	0	Rain Amount(in):	3.3
Sim Start Time(hrs):	0	Rainfall File:	SCSII-24

```
       Sim End Time(hrs): 24
      Min Calc Time(sec): 0.1
      Max Calc Time(sec): 300
        To Hour:   PInc(min):                To Hour:   PInc(min):
        10         60                        10         30
        12         15                        12         5
        18         5                         18         3
        24         15                        24         15
---------GROUP SELECTIONS----------------------------------------------------
+ BASE     [02/08/01]
```

□

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APPLEBEE'S #804 EVANSVILLE, IN

```
********** Input Report ********************************************************
--------Class: Simulation-------------------------------------------------------
 N:\ICPR2\00122\5YR
 Execution: Both
    Header: APPLEBEE'S #804
            EVANSVILLE, IN

---------HYDRAULICS-----------------------------HYDROLOGY---------------------
        Max Delta Z (ft): 1
          Delta Z Factor: 0.01          Override Defaults: Yes
     Time Step Optimizer: 0               Storm Dur(hrs): 24
Drop Structure Optimizer: 0             Rain Amount(in): 4.2
     Sim Start Time(hrs): 0               Rainfall File: SCSII-24
       Sim End Time(hrs): 24
      Min Calc Time(sec): 0.1
      Max Calc Time(sec): 300
        To Hour:   PInc(min):                To Hour:   PInc(min):
        10         60                        10         30
        12         15                        12         5
        18         5                         18         3
        24         15                        24         15
---------GROUP SELECTIONS----------------------------------------------------
+ BASE     [02/08/01]
    --------Class: Simulation-------------------------------------------------------
 N:\ICPR2\00122\10YR
 Execution: Both
    Header: APPLEBEE'S #804
            EVANSVILLE, IN

---------HYDRAULICS-----------------------------HYDROLOGY---------------------
        Max Delta Z (ft): 1
          Delta Z Factor: 0.01          Override Defaults: Yes
     Time Step Optimizer: 0               Storm Dur(hrs): 24
Drop Structure Optimizer: 0             Rain Amount(in): 4.8
     Sim Start Time(hrs): 0               Rainfall File: SCSII-24
       Sim End Time(hrs): 24
      Min Calc Time(sec): 0.1
      Max Calc Time(sec): 300
        To Hour:   PInc(min):                To Hour:   PInc(min):
        10         60                        10         30
        12         15                        12         5
        18         5                         18         3
        24         15                        24         15
---------GROUP SELECTIONS----------------------------------------------------
+ BASE     [02/08/01]
```

□

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APPLEBEE'S #804 EVANSVILLE, IN

********** Input Report **********
--------Class: Simulation--------
N:\ICPR2\00122\25YR
Execution: Both
Header: APPLEBEE'S #804
EVANSVILLE, IN

---------HYDRAULICS---------HYDROLOGY---------

Max Delta Z (ft):	1		
Delta Z Factor:	0.01	Override Defaults:	Yes
Time Step Optimizer:	0	Storm Dur(hrs):	24
Drop Structure Optimizer:	0	Rain Amount(in):	5.4
Sim Start Time(hrs):	0	Rainfall File:	SCSII-24
Sim End Time(hrs):	24		
Min Calc Time(sec):	0.1		
Max Calc Time(sec):	300		

To Hour:	PInc(min):	To Hour:	PInc(min):
10	60	10	30
12	15	12	5
18	5	18	3
24	15	24	15

---------GROUP SELECTIONS----------
+ BASE [02/08/01]

--------Class: Simulation--------
N:\ICPR2\00122\50YR
Execution: Both
Header: APPLEBEE'S #804
EVANSVILLE, IN

---------HYDRAULICS---------HYDROLOGY---------

Max Delta Z (ft):	1		
Delta Z Factor:	0.01	Override Defaults:	Yes
Time Step Optimizer:	0	Storm Dur(hrs):	24
Drop Structure Optimizer:	0	Rain Amount(in):	6.1
Sim Start Time(hrs):	0	Rainfall File:	SCSII-24
Sim End Time(hrs):	24		
Min Calc Time(sec):	0.1		
Max Calc Time(sec):	300		

To Hour:	PInc(min):	To Hour:	PInc(min):
10	60	10	30
12	15	12	5
18	5	18	3
24	15	24	15

---------GROUP SELECTIONS----------
+ BASE [02/08/01]

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APPLEBEE'S #804 EVANSVILLE, IN

********** Input Report **********
--------Class: Simulation--------
N:\ICPR2\00122\100YR
Execution: Both
Header: APPLEBEE'S #804
EVANSVILLE, IN

---------HYDRAULICS---------HYDROLOGY---------

Max Delta Z (ft):	1		
Delta Z Factor:	0.01	Override Defaults:	Yes
Time Step Optimizer:	0	Storm Dur(hrs):	24
Drop Structure Optimizer:	0	Rain Amount(in):	6.5
Sim Start Time(hrs):	0	Rainfall File:	SCSII-24

```
 Sim End Time(hrs): 24
Min Calc Time(sec): 0.1
Max Calc Time(sec): 300
  To Hour:   PInc(min):                  To Hour:   PInc(min):
  10         60                          10         30
  12         15                          12         5
  18         5                           18         3
  24         15                          24         15
---------GROUP SELECTIONS-----------------------------------------------------
+ BASE     [02/08/01]
```

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APPLEBEE'S #804
EVANSVILLE, IN

********** Node Maximum Comparisons **********

(Time units - hours)

Sim Name	Max Time Conditions	Max Stage (ft)	Warning Stage (ft)	Max Delta Stage (ft)	Max Surface Area (sf)	Max Time Inflow	Max Inflow (cfs)	Max Time Outflow	Max Outflow (cfs)
*** Node Name: I-1		Group: BASE							
2YR	12.01	459.35	462.50	-0.0100	126.83	12.00	1.80	12.01	1.78
5YR	12.00	459.52	462.50	0.0100	139.20	12.00	2.59	12.00	2.91
10YR	12.01	459.56	462.50	0.0099	144.00	12.00	3.12	12.01	3.09
25YR	12.01	459.64	462.50	0.0099	149.24	12.00	3.66	11.98	5.75
50YR	12.03	460.02	462.50	-0.0100	189.61	12.00	4.29	11.92	5.91
100YR	12.03	460.19	462.50	-0.0099	211.65	12.00	4.64	11.90	5.95
*** Node Name: I-2		Group: BASE							
2YR	12.01	459.10	462.80	-0.0097	174.82	12.01	1.78	12.02	1.78
5YR	12.01	459.22	462.80	0.0099	166.68	12.00	2.91	12.01	2.65
10YR	12.01	459.30	462.80	0.0099	179.04	12.01	3.09	12.01	3.08
25YR	12.01	459.43	462.80	0.0099	144.60	11.98	5.75	12.01	3.67
50YR	12.03	459.71	462.80	0.0099	147.52	11.92	5.91	12.03	4.08
100YR	12.03	459.84	462.80	0.0100	159.47	11.90	5.95	12.03	4.41
*** Node Name: O-1		Group: BASE							
2YR	12.00	459.00	461.00	0.0313	18.46	12.02	1.78	0.00	0.00
5YR	12.00	459.00	461.00	0.0313	16.58	12.01	2.65	0.00	0.00
10YR	12.00	459.00	461.00	0.0313	14.40	12.01	3.08	0.00	0.00
25YR	12.00	459.00	461.00	0.0313	8.40	12.01	3.67	0.00	0.00
50YR	12.00	459.00	461.00	0.0313	3.53	12.03	4.08	0.00	0.00
100YR	12.00	459.00	461.00	0.0313	3.53	12.03	4.41	0.00	0.00

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APPLEBEE'S #804
EVANSVILLE, IN

********** Link Maximum Comparisons **********

(Time units - hours)

Sim Name	Max Time Flow	Max Flow (cfs)	Max Delta Q (cfs)	Max Time U/S Stage	Max US Stage (ft)	Max Time D/S Stage	Max DS Stage (ft)
*** Link Name: P-1		Group: BASE					
2YR	12.01	1.78	0.12	12.01	459.35	12.01	459.10
5YR	12.00	2.91	0.61	12.00	459.52	12.01	459.22
10YR	12.01	3.09	0.78	12.01	459.56	12.04	459.28
25YR	11.98	5.75	-2.36	12.01	459.64	12.01	459.42
50YR	11.92	5.91	2.36	12.03	460.02	12.03	459.71
100YR	11.90	5.95	2.38	12.03	460.19	12.03	459.84
*** Link Name: P-2		Group: BASE					
2YR	12.02	1.78	0.55	12.01	459.10	12.00	459.00
5YR	12.01	2.65	-0.63	12.01	459.22	12.00	459.00
10YR	12.01	3.08	0.65	12.01	459.30	12.00	459.00
25YR	12.01	3.67	-0.75	12.01	459.43	12.00	459.00
50YR	12.03	4.08	-0.74	12.03	459.71	12.00	459.00
100YR	12.03	4.41	0.74	12.03	459.84	12.00	459.00