```
==========================================================================================
==== Basins ==============================================================================
==========================================================================================

         Name: BB1                      Node: NB1                     Status: Onsite
        Group: BOOKER                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                    Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 20.50
             Area(ac): 1.660                     Time Shift(hrs): 0.00
         Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------
         Name: BB2                      Node: NB2                     Status: Onsite
        Group: BOOKER                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                    Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 31.90
             Area(ac): 1.340                     Time Shift(hrs): 0.00
         Curve Number: 79.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------
         Name: BB3                      Node: NB3                     Status: Onsite
        Group: BOOKER                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                    Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 20.00
             Area(ac): 1.020                     Time Shift(hrs): 0.00
         Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------
         Name: BB4                      Node: NB4                     Status: Onsite
        Group: BOOKER                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                    Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 24.10
             Area(ac): 1.560                     Time Shift(hrs): 0.00
         Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------
         Name: BB5                      Node: NB5                     Status: Onsite
        Group: BOOKER                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                    Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 31.80
             Area(ac): 2.370                     Time Shift(hrs): 0.00
         Curve Number: 79.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------
         Name: BBG                      Node: NBG                     Status: Onsite
        Group: BOOKER                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                    Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 7.00
             Area(ac): 0.950                     Time Shift(hrs): 0.00
         Curve Number: 81.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------
         Name: BBOUT                    Node: NBOUT                   Status: Onsite
        Group: BOOKER                   Type: SCS Unit Hydrograph CN
```

```
        Unit Hydrograph: UH323                    Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 15.20
              Area(ac): 0.990                    Time Shift(hrs): 0.00
          Curve Number: 79.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BF-25                   Node: NF-25                  Status: Onsite
        Group: FMAIN                   Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
              Area(ac): 59.040                   Time Shift(hrs): 0.00
          Curve Number: 84.00               Time Increment(min): 15.00
               DCIA(%): 8.00               Max Allowable Q(cfs): 999999.000

FELL. MAIN CANAL ROW

-----------------------------------------------------------------------------------------------
         Name: BF-30                   Node: NF-30                  Status: Onsite
        Group: FMAIN                   Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
              Area(ac): 69.360                   Time Shift(hrs): 0.00
          Curve Number: 84.00               Time Increment(min): 15.00
               DCIA(%): 8.00               Max Allowable Q(cfs): 999999.000

FELL. MAIN CANAL ROW

-----------------------------------------------------------------------------------------------
         Name: BF-60                   Node: NF-60                  Status: Onsite
        Group: FMAIN                   Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
              Area(ac): 46.810                   Time Shift(hrs): 0.00
          Curve Number: 84.00               Time Increment(min): 15.00
               DCIA(%): 8.01               Max Allowable Q(cfs): 999999.000

FELL. MAIN CANAL ROW

-----------------------------------------------------------------------------------------------
         Name: BF-70                   Node: NF-70                  Status: Onsite
        Group: FMAIN                   Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
              Area(ac): 10.140                   Time Shift(hrs): 0.00
          Curve Number: 84.00               Time Increment(min): 15.00
               DCIA(%): 8.02               Max Allowable Q(cfs): 999999.000

FELL. MAIN CANAL ROW

-----------------------------------------------------------------------------------------------
         Name: BF-80                   Node: NF-80                  Status: Onsite
        Group: FMAIN                   Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
              Area(ac): 16.770                   Time Shift(hrs): 0.00
          Curve Number: 84.00               Time Increment(min): 15.00
               DCIA(%): 8.01               Max Allowable Q(cfs): 999999.000

FELL. MAIN CANAL ROW

-----------------------------------------------------------------------------------------------
         Name: BF-85                   Node: NF-85                  Status: Onsite
        Group: FMAIN                   Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
              Area(ac): 34.210                   Time Shift(hrs): 0.00
          Curve Number: 84.00               Time Increment(min): 15.00
               DCIA(%): 8.02               Max Allowable Q(cfs): 999999.000

FELL. MAIN CANAL ROW

-----------------------------------------------------------------------------------------------
         Name: BI-10W                  Node: NI-10W                 Status: Onsite
        Group: I01                     Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
```

```
    Rainfall Amount(in): 0.000                Time of Conc(min): 53.00
               Area(ac): 92.490                  Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 1

-----------------------------------------------------------------------------------------------
         Name: BI-20A                  Node: NI-20A                Status: Onsite
        Group: I02                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 150.00
               Area(ac): 51.640                  Time Shift(hrs): 0.00
           Curve Number: 79.00               Time Increment(min): 15.00
                DCIA(%): 2.00               Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 2

-----------------------------------------------------------------------------------------------
         Name: BI-20W                  Node: NU-20B                Status: Onsite
        Group: I02                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 50.00
               Area(ac): 63.000                  Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 2

-----------------------------------------------------------------------------------------------
         Name: BI-25A                  Node: NI-25A                Status: Onsite
        Group: I25                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 47.00
               Area(ac): 70.290                  Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 2/3

-----------------------------------------------------------------------------------------------
         Name: BI-25C                  Node: NI-25C                Status: Onsite
        Group: I25                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 44.00
               Area(ac): 54.600                  Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 2/3

-----------------------------------------------------------------------------------------------
         Name: BI-30W                  Node: NI-30W                Status: Onsite
        Group: I03                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 50.00
               Area(ac): 71.430                  Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 3

-----------------------------------------------------------------------------------------------
         Name: BI-40A                  Node: NI-40A                Status: Onsite
        Group: I04                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 46.00
               Area(ac): 46.460                  Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 4

-----------------------------------------------------------------------------------------------
         Name: BI-40C                  Node: NI-40C                Status: Onsite
        Group: I04                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 51.00
               Area(ac): 83.940                  Time Shift(hrs): 0.00
```

```
           Curve Number: 72.00              Time Increment(min): 15.00
                DCIA(%): 0.50              Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 4

-----------------------------------------------------------------------------------------------
         Name: BI-40M                  Node: NI-40M                Status: Onsite
        Group: I04                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 30.00
               Area(ac): 13.590                 Time Shift(hrs): 0.00
           Curve Number: 86.00              Time Increment(min): 10.00
                DCIA(%): 32.00             Max Allowable Q(cfs): 999999.000

WETLAND AREA #1

-----------------------------------------------------------------------------------------------
         Name: BI-40W                  Node: NI-40W                Status: Onsite
        Group: I04                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 50.00
               Area(ac): 71.330                 Time Shift(hrs): 0.00
           Curve Number: 72.00              Time Increment(min): 15.00
                DCIA(%): 0.50              Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 4

-----------------------------------------------------------------------------------------------
         Name: BI-50A                  Node: NI-50A                Status: Onsite
        Group: I05                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 47.00
               Area(ac): 69.660                 Time Shift(hrs): 0.00
           Curve Number: 72.00              Time Increment(min): 15.00
                DCIA(%): 0.50              Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 5

-----------------------------------------------------------------------------------------------
         Name: BI-50C                  Node: NI-50C                Status: Onsite
        Group: I05                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 44.00
               Area(ac): 54.250                 Time Shift(hrs): 0.00
           Curve Number: 72.00              Time Increment(min): 15.00
                DCIA(%): 0.50              Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 5

-----------------------------------------------------------------------------------------------
         Name: BI-50W                  Node: NI-50W                Status: Onsite
        Group: I05                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 50.00
               Area(ac): 70.410                 Time Shift(hrs): 0.00
           Curve Number: 72.00              Time Increment(min): 15.00
                DCIA(%): 0.50              Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 5

-----------------------------------------------------------------------------------------------
         Name: BI-60A                  Node: NI-60A                Status: Onsite
        Group: I06                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 47.00
               Area(ac): 69.790                 Time Shift(hrs): 0.00
           Curve Number: 72.00              Time Increment(min): 15.00
                DCIA(%): 0.50              Max Allowable Q(cfs): 999999.000

INTERNAL LAT DITCH 6

-----------------------------------------------------------------------------------------------
         Name: BI-60C                  Node: NI-60C                Status: Onsite
        Group: I06                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 44.00
               Area(ac): 54.410                 Time Shift(hrs): 0.00
           Curve Number: 72.00              Time Increment(min): 15.00
                DCIA(%): 0.50              Max Allowable Q(cfs): 999999.000
```

INTERNAL LAT DITCH 6

```
-----------------------------------------------------------------------------------------------
         Name: BI-60W                  Node: NI-60W                 Status: Onsite
        Group: I06                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 50.00
             Area(ac): 70.310                   Time Shift(hrs): 0.00
          Curve Number: 72.00              Time Increment(min): 15.00
               DCIA(%): 0.50              Max Allowable Q(cfs): 999999.000
```

INTERNAL LAT DITCH 6

```
-----------------------------------------------------------------------------------------------
         Name: BI-70A                  Node: NI-70A                 Status: Onsite
        Group: I07                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 47.00
             Area(ac): 46.790                   Time Shift(hrs): 0.00
          Curve Number: 72.00              Time Increment(min): 15.00
               DCIA(%): 0.50              Max Allowable Q(cfs): 999999.000
```

INTERNAL LAT DITCH 7

```
-----------------------------------------------------------------------------------------------
         Name: BI-70C                  Node: NI-70C                 Status: Onsite
        Group: I07                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 44.00
             Area(ac): 27.590                   Time Shift(hrs): 0.00
          Curve Number: 72.00              Time Increment(min): 15.00
               DCIA(%): 2.00              Max Allowable Q(cfs): 999999.000
```

INTERNAL LAT DITCH 7

```
-----------------------------------------------------------------------------------------------
         Name: BI-70W                  Node: NI-70W                 Status: Onsite
        Group: I07                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 50.00
             Area(ac): 70.210                   Time Shift(hrs): 0.00
          Curve Number: 72.00              Time Increment(min): 15.00
               DCIA(%): 0.50              Max Allowable Q(cfs): 999999.000
```

INTERNAL LAT DITCH 7

```
-----------------------------------------------------------------------------------------------
         Name: BI-75A                  Node: NI-75A                 Status: Onsite
        Group: I75                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 77.00
             Area(ac): 77.850                   Time Shift(hrs): 0.00
          Curve Number: 72.00              Time Increment(min): 15.00
               DCIA(%): 0.50              Max Allowable Q(cfs): 999999.000
```

INTERNAL LAT DITCH 7/8

```
-----------------------------------------------------------------------------------------------
         Name: BI-75M                  Node: NI-75M                 Status: Onsite
        Group: I75                     Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 30.00
             Area(ac): 8.400                    Time Shift(hrs): 0.00
          Curve Number: 86.00              Time Increment(min): 10.00
               DCIA(%): 32.00             Max Allowable Q(cfs): 999999.000
```

WETLAND AREA #4

```
-----------------------------------------------------------------------------------------------
         Name: BL1                     Node: NL1                    Status: Onsite
        Group: LINCOLN                 Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                 Peaking Factor: 323.0
          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 34.90
             Area(ac): 3.380                    Time Shift(hrs): 0.00
          Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00
```

```
-----------------------------------------------------------------------------------------------
         Name: BL2                     Node: NL2                    Status: Onsite
        Group: LINCOLN                 Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 36.20
             Area(ac): 3.980                     Time Shift(hrs): 0.00
          Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BL3                     Node: NL3                    Status: Onsite
        Group: LINCOLN                 Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 34.90
             Area(ac): 2.290                     Time Shift(hrs): 0.00
          Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BL4                     Node: NL4                    Status: Onsite
        Group: LINCOLN                 Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 47.30
             Area(ac): 1.580                     Time Shift(hrs): 0.00
          Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BLAKE                   Node: NLAKE                  Status: Onsite
        Group: STATE                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH484                   Peaking Factor: 484.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 5.00
             Area(ac): 6.420                     Time Shift(hrs): 0.00
          Curve Number: 90.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BP-10W                  Node: NP-10W                 Status: Onsite
        Group: P01                     Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 180.00
             Area(ac): 119.750                   Time Shift(hrs): 0.00
          Curve Number: 79.00              Time Increment(min): 15.00
               DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

PARK LAT DITCH 1 (WEST)

-----------------------------------------------------------------------------------------------
         Name: BP-200                  Node: NP-200                 Status: Onsite
        Group: LU                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
             Area(ac): 7.640                     Time Shift(hrs): 0.00
          Curve Number: 86.00              Time Increment(min): 15.00
               DCIA(%): 40.00              Max Allowable Q(cfs): 999999.000

 LATERAL U ROW

-----------------------------------------------------------------------------------------------
         Name: BP-230                  Node: NP-230                 Status: Onsite
        Group: LU                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
             Area(ac): 4.510                     Time Shift(hrs): 0.00
          Curve Number: 86.00              Time Increment(min): 15.00
```

```
                DCIA(%): 40.00              Max Allowable Q(cfs): 999999.000

 LATERAL U ROW

-----------------------------------------------------------------------------------------------------
         Name: BP-25A                   Node: NP-25A                 Status: Onsite
        Group: P25                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 45.00
                Area(ac): 52.720                 Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

PARK LATERAL DITCH 2/3

-----------------------------------------------------------------------------------------------------
         Name: BP-30W2                  Node: NP-30W2                Status: Onsite
        Group: P03                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 150.00
                Area(ac): 43.700                 Time Shift(hrs): 0.00
           Curve Number: 79.00               Time Increment(min): 15.00
                DCIA(%): 2.00               Max Allowable Q(cfs): 999999.000

PARK LATERAL DITCH 3

-----------------------------------------------------------------------------------------------------
         Name: BP-35A                   Node: NP-35A                 Status: Onsite
        Group: P35                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 47.00
                Area(ac): 62.170                 Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

PARK LATERAL DITCH 3/4

-----------------------------------------------------------------------------------------------------
         Name: BP-45A                   Node: NP-45A                 Status: Onsite
        Group: P45                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 47.00
                Area(ac): 62.020                 Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

PARK LATERAL DITCH 4/5

-----------------------------------------------------------------------------------------------------
         Name: BP-55A                   Node: NP-55A                 Status: Onsite
        Group: P55                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 47.00
                Area(ac): 61.380                 Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

PARK LATERAL DITCH 5/6

-----------------------------------------------------------------------------------------------------
         Name: BP-80W                   Node: NP-80W                 Status: Onsite
        Group: P08                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 150.00
                Area(ac): 152.910                Time Shift(hrs): 0.00
           Curve Number: 79.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

PARK LAT DITCH 8 (WEST)

-----------------------------------------------------------------------------------------------------
         Name: BP-FJVE                  Node: NP-FJVE                Status: Onsite
        Group: FJV                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 10.00
                Area(ac): 3949.000               Time Shift(hrs): 0.00
           Curve Number: 72.00               Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00
```

```
-----------------------------------------------------------------------------------------------------
         Name: BPL1-A                  Node: NPL1-A                 Status: Onsite
        Group: P01                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 76.480                     Time Shift(hrs): 0.00
         Curve Number: 73.80              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------------
         Name: BPL1-B                  Node: NPL1-B                 Status: Onsite
        Group: P01                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 84.490                     Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------------
         Name: BPL1-C                  Node: NPL1-C                 Status: Onsite
        Group: P01                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 86.200                     Time Shift(hrs): 0.00
         Curve Number: 74.81              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------------
         Name: BPL1-D                  Node: NPL1-D                 Status: Onsite
        Group: P01                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 74.880                     Time Shift(hrs): 0.00
         Curve Number: 72.93              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------------
         Name: BPL10-A                 Node: NPL10-A                Status: Onsite
        Group: P10                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 63.170                     Time Shift(hrs): 0.00
         Curve Number: 73.60              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------------
         Name: BPL10-B                 Node: NPL10-B                Status: Onsite
        Group: P10                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 60.920                     Time Shift(hrs): 0.00
         Curve Number: 73.67              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------------
         Name: BPL10-C                 Node: NPL10-C                Status: Onsite
```

```
        Group: P10                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 81.480                     Time Shift(hrs): 0.00
         Curve Number: 74.49              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BPL10-D                  Node: NPL10-D                Status: Onsite
        Group: P10                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 81.720                     Time Shift(hrs): 0.00
         Curve Number: 73.94              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BPL10-E                  Node: NPL10-E                Status: Onsite
        Group: P10                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 74.570                     Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BPL11-A                  Node: NPL11-A                Status: Onsite
        Group: P11                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 63.330                     Time Shift(hrs): 0.00
         Curve Number: 74.55              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BPL11-B                  Node: NPL11-B                Status: Onsite
        Group: P11                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 61.020                     Time Shift(hrs): 0.00
         Curve Number: 73.75              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BPL11-C                  Node: NPL11-C                Status: Onsite
        Group: P11                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 82.750                     Time Shift(hrs): 0.00
         Curve Number: 74.42              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BPL11-D                  Node: NPL11-D                Status: Onsite
        Group: P11                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 86.510                     Time Shift(hrs): 0.00
         Curve Number: 72.96              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00
```

```
-----------------------------------------------------------------------------------------------
         Name: BPL11-E                  Node: NPL11-E                Status: Onsite
        Group: P11                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 78.300                     Time Shift(hrs): 0.00
         Curve Number: 72.79              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL12-A                  Node: NPL12-A                Status: Onsite
        Group: P12                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 63.810                     Time Shift(hrs): 0.00
         Curve Number: 72.90              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL12-B                  Node: NPL12-B                Status: Onsite
        Group: P12                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 62.270                     Time Shift(hrs): 0.00
         Curve Number: 72.88              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL12-C                  Node: NPL12-C                Status: Onsite
        Group: P12                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 83.720                     Time Shift(hrs): 0.00
         Curve Number: 74.44              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL12-D                  Node: NPL12-D                Status: Onsite
        Group: P12                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 105.200                    Time Shift(hrs): 0.00
         Curve Number: 78.18              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL12-E                  Node: NPL12-E                Status: Onsite
        Group: P12                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 59.030                     Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL13-A                  Node: NPL13-A                Status: Onsite
        Group: P13a                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
```

```
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 49.790                    Time Shift(hrs): 0.00
        Curve Number: 72.90              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BPL13-B                 Node: NPL13-B                Status: Onsite
       Group: P13a                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                   Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 48.920                    Time Shift(hrs): 0.00
        Curve Number: 72.56              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BPL13-C                 Node: NPL13-C                Status: Onsite
       Group: P13a                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                   Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 65.700                    Time Shift(hrs): 0.00
        Curve Number: 72.82              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BPL13b-A                Node: NPL13b-A               Status: Onsite
       Group: P13b                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 16.680                    Time Shift(hrs): 0.00
        Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BPL13b-B                Node: NPL13b-B               Status: Onsite
       Group: P13b                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                   Peaking Factor: 256.0
         Rainfall File:                     Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 22.140                    Time Shift(hrs): 0.00
        Curve Number: 77.23              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BPL13b-C                Node: NPL13b-C               Status: Onsite
       Group: P13b                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                   Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 29.490                    Time Shift(hrs): 0.00
        Curve Number: 77.60              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BPL13b-D                Node: NPL13b-D               Status: Onsite
       Group: P13b                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                   Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 11.960                    Time Shift(hrs): 0.00
        Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00
```

```
-----------------------------------------------------------------------------------------------
        Name: BPL14-A                  Node: NPL14-A                Status: Onsite
       Group: P14                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                    Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
             Area(ac): 50.550                   Time Shift(hrs): 0.00
        Curve Number: 75.69              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BPL14-B                  Node: NPL14-B                Status: Onsite
       Group: P14                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                    Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 25.00
             Area(ac): 76.600                   Time Shift(hrs): 0.00
        Curve Number: 86.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BPL14-C                  Node: NPL14-C                Status: Onsite
       Group: P14                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                    Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 25.00
             Area(ac): 60.660                   Time Shift(hrs): 0.00
        Curve Number: 86.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BPL14-D                  Node: NPL14-D                Status: Onsite
       Group: P13b                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                    Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
             Area(ac): 79.750                   Time Shift(hrs): 0.00
        Curve Number: 78.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BPL14-E                  Node: NPL14-E                Status: Onsite
       Group: P13b                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                    Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
             Area(ac): 72.450                   Time Shift(hrs): 0.00
        Curve Number: 74.28              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BPL15-A                  Node: NPL15-A                Status: Onsite
       Group: P15                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                    Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
             Area(ac): 53.360                   Time Shift(hrs): 0.00
        Curve Number: 73.25              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BPL15-B                  Node: NPL15-B                Status: Onsite
       Group: P15                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                    Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 25.00
             Area(ac): 84.210                   Time Shift(hrs): 0.00
```

```
          Curve Number: 86.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL15-C                 Node: NPL15-C                Status: Onsite
        Group: P15                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 25.00
            Area(ac): 92.570                    Time Shift(hrs): 0.00
          Curve Number: 86.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL15-D                 Node: NPL15-D                Status: Onsite
        Group: P13b                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 43.630                    Time Shift(hrs): 0.00
          Curve Number: 74.34             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL15-E                 Node: NPL15-E                Status: Onsite
        Group: P13b                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 62.010                    Time Shift(hrs): 0.00
          Curve Number: 74.40             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL16-A                 Node: NPL16-A                Status: Onsite
        Group: P16                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 57.640                    Time Shift(hrs): 0.00
          Curve Number: 72.30             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL16-B                 Node: NPL16-B                Status: Onsite
        Group: P16                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 25.00
            Area(ac): 68.280                    Time Shift(hrs): 0.00
          Curve Number: 86.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL16-C                 Node: NPL16-C                Status: Onsite
        Group: P16                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 25.00
            Area(ac): 68.370                    Time Shift(hrs): 0.00
          Curve Number: 85.10             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL16-D                 Node: NPL16-D                Status: Onsite
        Group: P18                     Type: SCS Unit Hydrograph CN
```

```
        Unit Hydrograph: Uh323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 91.270                     Time Shift(hrs): 0.00
         Curve Number: 82.52              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL16-E                  Node: NPL16-E                Status: Onsite
        Group: P18                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 128.370                    Time Shift(hrs): 0.00
         Curve Number: 77.61              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL17-A                  Node: NPL17-A                Status: Onsite
        Group: P17                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 51.730                     Time Shift(hrs): 0.00
         Curve Number: 71.55              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL17-B                  Node: NPL17-B                Status: Onsite
        Group: P17                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 25.00
            Area(ac): 69.550                     Time Shift(hrs): 0.00
         Curve Number: 86.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL17-C                  Node: NPL17-C                Status: Onsite
        Group: P17                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 25.00
            Area(ac): 89.130                     Time Shift(hrs): 0.00
         Curve Number: 86.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL17-D                  Node: NPL17-D                Status: Onsite
        Group: P18                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 72.240                     Time Shift(hrs): 0.00
         Curve Number: 74.55              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL17-E                  Node: NPL17-E                Status: Onsite
        Group: P18                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 91.990                     Time Shift(hrs): 0.00
         Curve Number: 75.47              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00
```

```
-----------------------------------------------------------------------------------------------
         Name: BPL18-A                  Node: NPL18-A                Status: Onsite
        Group: P18                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 76.020                     Time Shift(hrs): 0.00
         Curve Number: 73.68              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL18-B                  Node: NPL18-B                Status: Onsite
        Group: P18                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 79.560                     Time Shift(hrs): 0.00
         Curve Number: 78.40              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL18-C                  Node: NPL18-C                Status: Onsite
        Group: P18                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 87.400                     Time Shift(hrs): 0.00
         Curve Number: 79.32              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL18-D                  Node: NPL18-D                Status: Onsite
        Group: P18                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 113.410                    Time Shift(hrs): 0.00
         Curve Number: 74.39              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL19-A                  Node: NPL19-A                Status: Onsite
        Group: P19                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 63.930                     Time Shift(hrs): 0.00
         Curve Number: 72.19              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL19-B                  Node: NPL19-B                Status: Onsite
        Group: P19                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 75.340                     Time Shift(hrs): 0.00
         Curve Number: 71.89              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL19-C                  Node: NPL19-C                Status: Onsite
        Group: P19                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
```

```
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
               Area(ac): 108.720                Time Shift(hrs): 0.00
           Curve Number: 73.95             Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL19-D                  Node: NPL19-D                Status: Onsite
        Group: P19                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
               Area(ac): 120.970                Time Shift(hrs): 0.00
           Curve Number: 73.84             Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL2-A                   Node: NPL2-A                 Status: Onsite
        Group: P02                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
               Area(ac): 38.650                 Time Shift(hrs): 0.00
           Curve Number: 73.09             Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL2-B                   Node: NPL2-B                 Status: Onsite
        Group: P02                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
               Area(ac): 72.590                 Time Shift(hrs): 0.00
           Curve Number: 75.79             Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL2-C                   Node: NPL2-C                 Status: Onsite
        Group: P02                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
               Area(ac): 71.730                 Time Shift(hrs): 0.00
           Curve Number: 76.65             Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL2-D                   Node: NPL2-D                 Status: Onsite
        Group: P02                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
               Area(ac): 105.040                Time Shift(hrs): 0.00
           Curve Number: 74.00             Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL20-A                  Node: NPL20-A                Status: Onsite
        Group: P20                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
               Area(ac): 85.380                 Time Shift(hrs): 0.00
           Curve Number: 72.15             Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
```

```
         Name: BPL20-B                  Node: NPL20-B                Status: Onsite
        Group: P20                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 84.660                     Time Shift(hrs): 0.00
         Curve Number: 74.06               Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-------------------------------------------------------------------------------------------
         Name: BPL20-C                  Node: NPL20-C                Status: Onsite
        Group: P20                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 73.490                     Time Shift(hrs): 0.00
         Curve Number: 73.54               Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-------------------------------------------------------------------------------------------
         Name: BPL20-D                  Node: NPL20-D                Status: Onsite
        Group: P20                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 131.700                    Time Shift(hrs): 0.00
         Curve Number: 73.28               Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-------------------------------------------------------------------------------------------
         Name: BPL21-A                  Node: NPL21-A                Status: Onsite
        Group: P21                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 82.550                     Time Shift(hrs): 0.00
         Curve Number: 72.56               Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-------------------------------------------------------------------------------------------
         Name: BPL21-B                  Node: NPL21-B                Status: Onsite
        Group: P21                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 82.360                     Time Shift(hrs): 0.00
         Curve Number: 73.88               Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-------------------------------------------------------------------------------------------
         Name: BPL21-C                  Node: NPL21-C                Status: Onsite
        Group: P21                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 82.540                     Time Shift(hrs): 0.00
         Curve Number: 73.58               Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-------------------------------------------------------------------------------------------
         Name: BPL21-D                  Node: NPL21-D                Status: Onsite
        Group: P21                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 119.400                    Time Shift(hrs): 0.00
         Curve Number: 72.83               Max Allowable Q(cfs): 999999.000
```

```
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BPL22-A                  Node: NPL22-A                Status: Onsite
       Group: P22                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                    Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
             Area(ac): 82.600                   Time Shift(hrs): 0.00
        Curve Number: 72.51              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BPL22-B                  Node: NPL22-B                Status: Onsite
       Group: P22                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                    Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
             Area(ac): 82.360                   Time Shift(hrs): 0.00
        Curve Number: 74.18              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BPL22-C                  Node: NPL22-C                Status: Onsite
       Group: P22                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                    Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
             Area(ac): 82.540                   Time Shift(hrs): 0.00
        Curve Number: 70.15              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BPL22-D                  Node: NPL22-D                Status: Onsite
       Group: P22                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                    Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
             Area(ac): 119.690                  Time Shift(hrs): 0.00
        Curve Number: 73.01              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BPL23-A                  Node: NPL23-A                Status: Onsite
       Group: P23                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                    Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
             Area(ac): 82.860                   Time Shift(hrs): 0.00
        Curve Number: 72.58              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BPL23-B                  Node: NPL23-B                Status: Onsite
       Group: P23                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH323                    Peaking Factor: 323.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
             Area(ac): 82.500                   Time Shift(hrs): 0.00
        Curve Number: 74.12              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BPL23-C                  Node: NPL23-C                Status: Onsite
       Group: P23                      Type: SCS Unit Hydrograph CN
```

```
        Unit Hydrograph: UH256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
              Area(ac): 82.610                   Time Shift(hrs): 0.00
         Curve Number: 73.27              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL23-D                  Node: NPL23-D                Status: Onsite
        Group: P23                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
              Area(ac): 119.890                  Time Shift(hrs): 0.00
         Curve Number: 73.34              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL24-A                  Node: NPL24-A                Status: Onsite
        Group: P24                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 24.00
    Rainfall Amount(in): 9.200                 Time of Conc(min): 60.00
              Area(ac): 40.580                   Time Shift(hrs): 0.00
         Curve Number: 74.64              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL24-B                  Node: NPL24-B                Status: Onsite
        Group: P24                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 24.00
    Rainfall Amount(in): 9.200                 Time of Conc(min): 60.00
              Area(ac): 35.560                   Time Shift(hrs): 0.00
         Curve Number: 74.42              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL24-C                  Node: NPL24-C                Status: Onsite
        Group: P24                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 24.00
    Rainfall Amount(in): 9.200                 Time of Conc(min): 60.00
              Area(ac): 40.780                   Time Shift(hrs): 0.00
         Curve Number: 74.25              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL24-D                  Node: NPL24-D                Status: Onsite
        Group: P24                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 24.00
    Rainfall Amount(in): 9.200                 Time of Conc(min): 60.00
              Area(ac): 65.400                   Time Shift(hrs): 0.00
         Curve Number: 75.30              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL3-B                   Node: NPL3-B                 Status: Onsite
        Group: P03                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
              Area(ac): 76.630                   Time Shift(hrs): 0.00
         Curve Number: 76.35              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00
```

```
-----------------------------------------------------------------------------------------------
         Name: BPL3-C                  Node: NPL3-C                 Status: Onsite
        Group: P03                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 68.740                    Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL3-D                  Node: NPL3-D                 Status: Onsite
        Group: P03                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 140.510                   Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL4-B                  Node: NPL4-B                 Status: Onsite
        Group: P04                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 63.100                    Time Shift(hrs): 0.00
         Curve Number: 74.20              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL4-C                  Node: NPL4-C                 Status: Onsite
        Group: P04                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 83.420                    Time Shift(hrs): 0.00
         Curve Number: 75.68              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL4-D                  Node: NPL4-D                 Status: Onsite
        Group: P04                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 83.500                    Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL4-E                  Node: NPL4-E                 Status: Onsite
        Group: P04                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 83.870                    Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL5-B                  Node: NPL5-B                 Status: Onsite
        Group: P05                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
```

```
              Area(ac): 62.730                  Time Shift(hrs): 0.00
          Curve Number: 73.76              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------------
         Name: BPL5-C                  Node: NPL5-C                 Status: Onsite
        Group: P05                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
              Area(ac): 83.000                  Time Shift(hrs): 0.00
          Curve Number: 75.08              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------------
         Name: BPL5-D                  Node: NPL5-D                 Status: Onsite
        Group: P05                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
              Area(ac): 82.740                  Time Shift(hrs): 0.00
          Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------------
         Name: BPL5-E                  Node: NPL5-E                 Status: Onsite
        Group: P05                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
              Area(ac): 82.640                  Time Shift(hrs): 0.00
          Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------------
         Name: BPL6-A                  Node: NPL6-A                 Status: Onsite
        Group: P06                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
              Area(ac): 32.340                  Time Shift(hrs): 0.00
          Curve Number: 74.31              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------------
         Name: BPL6-B                  Node: NPL6-B                 Status: Onsite
        Group: P06                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
              Area(ac): 62.190                  Time Shift(hrs): 0.00
          Curve Number: 73.36              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------------
         Name: BPL6-C                  Node: NPL6-C                 Status: Onsite
        Group: P06                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
              Area(ac): 83.580                  Time Shift(hrs): 0.00
          Curve Number: 74.38              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------------
         Name: BPL6-D                  Node: NPL6-D                 Status: Onsite
```

```
        Group: P06                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 82.690                     Time Shift(hrs): 0.00
         Curve Number: 73.94              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL6-E                   Node: NPL6-E                 Status: Onsite
        Group: P06                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 81.750                     Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL7-A                   Node: NPL7-A                 Status: Onsite
        Group: P07                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 64.210                     Time Shift(hrs): 0.00
         Curve Number: 74.62              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL7-B                   Node: NPL7-B                 Status: Onsite
        Group: P07                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 62.080                     Time Shift(hrs): 0.00
         Curve Number: 74.48              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL7-C                   Node: NPL7-C                 Status: Onsite
        Group: P07                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 83.750                     Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL7-D                   Node: NPL7-D                 Status: Onsite
        Group: P07                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 83.370                     Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BPL7-E                   Node: NPL7-E                 Status: Onsite
        Group: P07                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 81.890                     Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00
```

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-----------------------------------------------------------------------------------------------
         Name: BPL8-A                  Node: NPL8-A                 Status: Onsite
        Group: P08                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 63.690                    Time Shift(hrs): 0.00
         Curve Number: 74.55              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL8-B                  Node: NPL8-B                 Status: Onsite
        Group: P08                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 61.670                    Time Shift(hrs): 0.00
         Curve Number: 73.03              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL8-C                  Node: NPL8-C                 Status: Onsite
        Group: P08                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 82.340                    Time Shift(hrs): 0.00
         Curve Number: 74.79              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL8-D                  Node: NPL8-D                 Status: Onsite
        Group: P08                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 83.390                    Time Shift(hrs): 0.00
         Curve Number: 74.73              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL8-E                  Node: NPL8-E                 Status: Onsite
        Group: P08                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 83.150                    Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL9-A                  Node: NPL9-A                 Status: Onsite
        Group: P09                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 64.330                    Time Shift(hrs): 0.00
         Curve Number: 74.39              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BPL9-B                  Node: NPL9-B                 Status: Onsite
        Group: P09                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                   Peaking Factor: 323.0
```

```
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 62.000                    Time Shift(hrs): 0.00
        Curve Number: 73.84              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BPL9-C                   Node: NPL9-C                 Status: Onsite
       Group: P09                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 83.520                    Time Shift(hrs): 0.00
        Curve Number: 74.06              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BPL9-D                   Node: NPL9-D                 Status: Onsite
       Group: P09                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 85.220                    Time Shift(hrs): 0.00
        Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BPL9-E                   Node: NPL9-E                 Status: Onsite
       Group: P09                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 84.220                    Time Shift(hrs): 0.00
        Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BS10N                    Node: NS10N                  Status: Onsite
       Group: STATE                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 82.20
            Area(ac): 10.570                    Time Shift(hrs): 0.00
        Curve Number: 79.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BS13                     Node: NS13                   Status: Onsite
       Group: STATE                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 71.70
            Area(ac): 43.070                    Time Shift(hrs): 0.00
        Curve Number: 72.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: BS15                     Node: NS15                   Status: Onsite
       Group: STATE                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 139.50
            Area(ac): 65.360                    Time Shift(hrs): 0.00
        Curve Number: 72.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00
```

```
-----------------------------------------------------------------------------------------------
        Name: BS1N                    Node: NS1N                  Status: Onsite
       Group: STATE                   Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH323                   Peaking Factor: 323.0
         Rainfall File:                     Storm Duration(hrs): 24.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 68.80
             Area(ac): 2.100                    Time Shift(hrs): 0.00
         Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BS1S                    Node: NS1S                  Status: Onsite
       Group: STATE                   Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH323                   Peaking Factor: 323.0
         Rainfall File:                     Storm Duration(hrs): 24.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 64.70
             Area(ac): 1.040                    Time Shift(hrs): 0.00
         Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BS2N                    Node: NS2N                  Status: Onsite
       Group: STATE                   Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH323                   Peaking Factor: 323.0
         Rainfall File:                     Storm Duration(hrs): 24.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 33.10
             Area(ac): 0.430                    Time Shift(hrs): 0.00
         Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BS2S                    Node: NS2S                  Status: Onsite
       Group: STATE                   Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH323                   Peaking Factor: 323.0
         Rainfall File:                     Storm Duration(hrs): 24.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 44.50
             Area(ac): 1.160                    Time Shift(hrs): 0.00
         Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BS3N                    Node: NS3N                  Status: Onsite
       Group: STATE                   Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH323                   Peaking Factor: 323.0
         Rainfall File:                     Storm Duration(hrs): 24.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 43.30
             Area(ac): 2.320                    Time Shift(hrs): 0.00
         Curve Number: 81.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BS3S                    Node: NS3S                  Status: Onsite
       Group: STATE                   Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH323                   Peaking Factor: 323.0
         Rainfall File:                     Storm Duration(hrs): 24.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 32.20
             Area(ac): 0.630                    Time Shift(hrs): 0.00
         Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BS4N                    Node: NS4N                  Status: Onsite
       Group: STATE                   Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH323                   Peaking Factor: 323.0
         Rainfall File:                     Storm Duration(hrs): 24.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 22.60
             Area(ac): 0.270                    Time Shift(hrs): 0.00
```

```
          Curve Number: 83.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BS4S                    Node: NS4S                   Status: Onsite
        Group: STATE                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.50
            Area(ac): 0.650                      Time Shift(hrs): 0.00
          Curve Number: 83.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BS5N                    Node: NS5N                   Status: Onsite
        Group: STATE                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 64.60
            Area(ac): 2.550                      Time Shift(hrs): 0.00
          Curve Number: 83.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BS5S                    Node: NS5S                   Status: Onsite
        Group: STATE                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 31.60
            Area(ac): 0.700                      Time Shift(hrs): 0.00
          Curve Number: 83.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BS6N                    Node: NS6N                   Status: Onsite
        Group: STATE                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 46.70
            Area(ac): 2.780                      Time Shift(hrs): 0.00
          Curve Number: 79.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BS6S                    Node: NS6S                   Status: Onsite
        Group: STATE                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 31.30
            Area(ac): 0.710                      Time Shift(hrs): 0.00
          Curve Number: 83.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BS7S                    Node: NS7S                   Status: Onsite
        Group: STATE                   Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 45.10
            Area(ac): 1.150                      Time Shift(hrs): 0.00
          Curve Number: 83.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BS8S                    Node: NS8S                   Status: Onsite
        Group: STATE                   Type: SCS Unit Hydrograph CN
```

```
        Unit Hydrograph: UH323                    Peaking Factor: 323.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 46.10
                Area(ac): 0.660                  Time Shift(hrs): 0.00
           Curve Number: 83.00              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU-10                   Node: NU-10                  Status: Onsite
        Group: LU                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
                Area(ac): 9.450                  Time Shift(hrs): 0.00
           Curve Number: 86.00               Time Increment(min): 15.00
                DCIA(%): 40.00              Max Allowable Q(cfs): 999999.000

 LATERAL U ROW

-----------------------------------------------------------------------------------------------
         Name: BU-100                  Node: NU-100                 Status: Onsite
        Group: LU                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
                Area(ac): 9.110                  Time Shift(hrs): 0.00
           Curve Number: 86.00               Time Increment(min): 15.00
                DCIA(%): 40.00              Max Allowable Q(cfs): 999999.000

 LATERAL U ROW

-----------------------------------------------------------------------------------------------
         Name: BU-10A                  Node: NU-10A                 Status: Onsite
        Group: U01                     Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 53.00
                Area(ac): 89.670                 Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

LAT U   DITCH 1

-----------------------------------------------------------------------------------------------
         Name: BU-130                  Node: NU-130                 Status: Onsite
        Group: LU                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
                Area(ac): 9.050                  Time Shift(hrs): 0.00
           Curve Number: 86.00               Time Increment(min): 15.00
                DCIA(%): 40.00              Max Allowable Q(cfs): 999999.000

 LATERAL U ROW

-----------------------------------------------------------------------------------------------
         Name: BU-160                  Node: NU-160                 Status: Onsite
        Group: LU                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
                Area(ac): 9.100                  Time Shift(hrs): 0.00
           Curve Number: 86.00               Time Increment(min): 15.00
                DCIA(%): 40.00              Max Allowable Q(cfs): 999999.000

 LATERAL U ROW

-----------------------------------------------------------------------------------------------
         Name: BU-190                  Node: NU-190                 Status: Onsite
        Group: LU                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
                Area(ac): 4.580                  Time Shift(hrs): 0.00
           Curve Number: 86.00               Time Increment(min): 15.00
                DCIA(%): 40.00              Max Allowable Q(cfs): 999999.000

 LATERAL U ROW

-----------------------------------------------------------------------------------------------
         Name: BU-20A                  Node: NU-20A                 Status: Onsite
        Group: U02                     Type: Santa Barbara CN
```

```
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 9.200                 Time of Conc(min): 50.00
               Area(ac): 77.200                  Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

LAT U   DITCH 3

-----------------------------------------------------------------------------------------------
         Name: BU-20M2                  Node: NU-20M2                Status: Onsite
        Group: U02                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 9.200                 Time of Conc(min): 30.00
               Area(ac): 5.140                   Time Shift(hrs): 0.00
           Curve Number: 86.00               Time Increment(min): 10.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

LAT U   DITCH 3

-----------------------------------------------------------------------------------------------
         Name: BU-20MI                  Node: NU-20M1                Status: Onsite
        Group: U02                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 9.200                 Time of Conc(min): 30.00
               Area(ac): 10.670                  Time Shift(hrs): 0.00
           Curve Number: 86.00               Time Increment(min): 10.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

LAT U   DITCH 3

-----------------------------------------------------------------------------------------------
         Name: BU-30A                   Node: NU-30A                 Status: Onsite
        Group: U03                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 50.00
               Area(ac): 70.240                  Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

LAT U   DITCH 3

-----------------------------------------------------------------------------------------------
         Name: BU-40                    Node: NU-40                  Status: Onsite
        Group: LU                       Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 30.00
               Area(ac): 9.040                   Time Shift(hrs): 0.00
           Curve Number: 86.00               Time Increment(min): 15.00
                DCIA(%): 40.00              Max Allowable Q(cfs): 999999.000

 LATERAL U ROW

-----------------------------------------------------------------------------------------------
         Name: BU-40A                   Node: NU-40A                 Status: Onsite
        Group: U04                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 50.00
               Area(ac): 70.270                  Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

LAT U   DITCH 4

-----------------------------------------------------------------------------------------------
         Name: BU-50A                   Node: NU-50A                 Status: Onsite
        Group: U05                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 50.00
               Area(ac): 69.480                  Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

LAT U   DITCH 5

-----------------------------------------------------------------------------------------------
         Name: BU-60A                   Node: NU-60A                 Status: Onsite
        Group: U06                      Type: Santa Barbara CN

          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 50.00
```

```
               Area(ac): 69.510                 Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

LAT U   DITCH 6

-----------------------------------------------------------------------------------------------------
         Name: BU-70                    Node: NU-70                  Status: Onsite
        Group: LU                       Type: Santa Barbara CN

          Rainfall File: Scsii-24           Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 30.00
               Area(ac): 9.090                  Time Shift(hrs): 0.00
           Curve Number: 86.00               Time Increment(min): 15.00
                DCIA(%): 40.00              Max Allowable Q(cfs): 999999.000

LATERAL U ROW

-----------------------------------------------------------------------------------------------------
         Name: BU-70A                   Node: NU-70A                 Status: Onsite
        Group: U07                      Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 50.00
               Area(ac): 69.530                 Time Shift(hrs): 0.00
           Curve Number: 72.00               Time Increment(min): 15.00
                DCIA(%): 0.50               Max Allowable Q(cfs): 999999.000

LAT U   DITCH 7

-----------------------------------------------------------------------------------------------------
         Name: BU-80A                   Node: NU-80A                 Status: Onsite
        Group: U08                      Type: Santa Barbara CN

          Rainfall File:                    Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 180.00
               Area(ac): 79.420                 Time Shift(hrs): 0.00
           Curve Number: 79.00               Time Increment(min): 15.00
                DCIA(%): 2.00               Max Allowable Q(cfs): 999999.000

LAT U   DITCH 8

-----------------------------------------------------------------------------------------------------
         Name: BU-FJV-BWPOND1           Node: NU-FJV-BWPOND1         Status: Onsite
        Group: FJV                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                   Peaking Factor: 484.0
          Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 28.00
               Area(ac): 6.160                  Time Shift(hrs): 0.00
           Curve Number: 88.62               Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------------
         Name: BU-FJV-BWPOND2           Node: NU-FJV-BWPOND2         Status: Onsite
        Group: FJV                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                   Peaking Factor: 484.0
          Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 28.00
               Area(ac): 4.440                  Time Shift(hrs): 0.00
           Curve Number: 88.62               Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------------
         Name: BU-FJV-BWSWALE           Node: NU-FJV-BWSWALE         Status: Onsite
        Group: FJV                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                   Peaking Factor: 484.0
          Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 2.40
               Area(ac): 0.290                  Time Shift(hrs): 0.00
           Curve Number: 90.70               Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------------
         Name: BU-FJV-FOADRYA           Node: NU-FJV-FOADRYA         Status: Onsite
        Group: FJV                      Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                   Peaking Factor: 484.0
```

```
         Rainfall File:                     Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 16.00
            Area(ac): 18.830                    Time Shift(hrs): 0.00
        Curve Number: 82.00               Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
        Name: BU-FJV-FOADRYB           Node: NU-FJV-FOADRYB         Status: Onsite
       Group: FJV                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                   Peaking Factor: 484.0
         Rainfall File:                     Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 13.00
            Area(ac): 73.250                    Time Shift(hrs): 0.00
        Curve Number: 86.00               Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
        Name: BU-FJV-FOAWETA           Node: NU-FJV-FOAWETA         Status: Onsite
       Group: FJV                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                   Peaking Factor: 484.0
         Rainfall File:                     Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 16.00
            Area(ac): 2.475                     Time Shift(hrs): 0.00
        Curve Number: 98.00               Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
        Name: BU-FJV-FOAWETB           Node: NU-FJV-FOAWETB         Status: Onsite
       Group: FJV                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                   Peaking Factor: 484.0
         Rainfall File:                     Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 5.00
            Area(ac): 4.820                     Time Shift(hrs): 0.00
        Curve Number: 98.00               Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
        Name: BU-FJVN                  Node: NU-FJVN                Status: Onsite
       Group: FJV                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                   Peaking Factor: 323.0
         Rainfall File:                     Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 10.00
            Area(ac): 820.000                   Time Shift(hrs): 0.00
        Curve Number: 72.00               Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
        Name: BU-FJVS                  Node: NU-FJVS                Status: Onsite
       Group: FJV                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                   Peaking Factor: 323.0
         Rainfall File:                     Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 10.00
            Area(ac): 1170.000                  Time Shift(hrs): 0.00
        Curve Number: 72.00               Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
        Name: BU10-A                   Node: NU10-A                 Status: Onsite
       Group: U10                      Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 64.850                    Time Shift(hrs): 0.00
        Curve Number: 74.00               Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00
```

```
-----------------------------------------------------------------------------------------------
        Name: BU10-B                  Node: NU10-B                 Status: Onsite
       Group: U10                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
             Area(ac): 66.860                   Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BU10-C                  Node: NU10-C                 Status: Onsite
       Group: U10                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
             Area(ac): 66.860                   Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BU10-D                  Node: NU10-D                 Status: Onsite
       Group: U10                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
             Area(ac): 66.760                   Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BU11-A                  Node: NU11-A                 Status: Onsite
       Group: U11                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
             Area(ac): 63.870                   Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BU11-B                  Node: NU11-B                 Status: Onsite
       Group: U11                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
             Area(ac): 65.910                   Time Shift(hrs): 0.00
         Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BU11-C                  Node: NU11-C                 Status: Onsite
       Group: U11                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
             Area(ac): 65.900                   Time Shift(hrs): 0.00
         Curve Number: 73.39              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
        Name: BU11-D                  Node: NU11-D                 Status: Onsite
       Group: U11                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
             Area(ac): 65.800                   Time Shift(hrs): 0.00
```

```
          Curve Number: 73.47             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU12-A                  Node: NU12-A                 Status: Onsite
        Group: U12                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 66.270                    Time Shift(hrs): 0.00
          Curve Number: 73.71             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU12-B                  Node: NU12-B                 Status: Onsite
        Group: U12                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 68.220                    Time Shift(hrs): 0.00
          Curve Number: 74.29             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU12-C                  Node: NU12-C                 Status: Onsite
        Group: U12                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 67.980                    Time Shift(hrs): 0.00
          Curve Number: 74.29             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU12-D                  Node: NU12-D                 Status: Onsite
        Group: U12                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH323                   Peaking Factor: 323.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 67.630                    Time Shift(hrs): 0.00
          Curve Number: 73.70             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU13-A                  Node: NU13-A                 Status: Onsite
        Group: U13                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 64.600                    Time Shift(hrs): 0.00
          Curve Number: 74.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU13-B                  Node: NU13-B                 Status: Onsite
        Group: U13                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 66.890                    Time Shift(hrs): 0.00
          Curve Number: 73.40             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU13-C                  Node: NU13-C                 Status: Onsite
        Group: U13                     Type: SCS Unit Hydrograph CN
```

```
        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 67.000                     Time Shift(hrs): 0.00
         Curve Number: 72.73              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU13-D                  Node: NU13-D                 Status: Onsite
        Group: U13                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 66.990                     Time Shift(hrs): 0.00
         Curve Number: 72.66              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU14-A                  Node: NU14-A                 Status: Onsite
        Group: U14                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 63.710                     Time Shift(hrs): 0.00
         Curve Number: 74.47              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU14-B                  Node: NU14-B                 Status: Onsite
        Group: U14                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 65.910                     Time Shift(hrs): 0.00
         Curve Number: 73.70              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU14-C                  Node: NU14-C                 Status: Onsite
        Group: U14                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 65.910                     Time Shift(hrs): 0.00
         Curve Number: 74.53              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU14-D                  Node: NU14-D                 Status: Onsite
        Group: U14                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                    Peaking Factor: 323.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 65.770                     Time Shift(hrs): 0.00
         Curve Number: 74.19              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU15-A                  Node: NU15-A                 Status: Onsite
        Group: U15                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 64.950                     Time Shift(hrs): 0.00
         Curve Number: 73.77              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00
```

```
-----------------------------------------------------------------------------------------------
         Name: BU15-B                  Node: NU15-B                 Status: Onsite
        Group: U15                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 67.340                    Time Shift(hrs): 0.00
         Curve Number: 68.95              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BU15-C                  Node: NU15-C                 Status: Onsite
        Group: U15                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 67.420                    Time Shift(hrs): 0.00
         Curve Number: 74.22              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BU15-D                  Node: NU15-D                 Status: Onsite
        Group: U15                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 67.360                    Time Shift(hrs): 0.00
         Curve Number: 68.67              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BU16-A                  Node: NU16-A                 Status: Onsite
        Group: U16                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 64.270                    Time Shift(hrs): 0.00
         Curve Number: 73.92              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BU16-B                  Node: NU16-B                 Status: Onsite
        Group: U16                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
            Area(ac): 66.610                    Time Shift(hrs): 0.00
         Curve Number: 74.08              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BU16-C                  Node: NU16-C                 Status: Onsite
        Group: U16                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
            Area(ac): 66.600                    Time Shift(hrs): 0.00
         Curve Number: 73.92              Max Allowable Q(cfs): 999999.000
              DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
         Name: BU16-D                  Node: NU16-D                 Status: Onsite
        Group: U16                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
```

```
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
               Area(ac): 66.430                   Time Shift(hrs): 0.00
           Curve Number: 71.69              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU17-A                  Node: NU17-A                 Status: Onsite
        Group: U17                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
               Area(ac): 65.380                   Time Shift(hrs): 0.00
           Curve Number: 73.40              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU17-B                  Node: NU17-B                 Status: Onsite
        Group: U17                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
               Area(ac): 67.810                   Time Shift(hrs): 0.00
           Curve Number: 74.07              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU17-C                  Node: NU17-C                 Status: Onsite
        Group: U17                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
               Area(ac): 67.810                   Time Shift(hrs): 0.00
           Curve Number: 74.44              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU17-D                  Node: NU17-D                 Status: Onsite
        Group: U17                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
               Area(ac): 67.630                   Time Shift(hrs): 0.00
           Curve Number: 72.33              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU18-A                  Node: NU18-A                 Status: Onsite
        Group: U18                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
               Area(ac): 64.150                   Time Shift(hrs): 0.00
           Curve Number: 73.70              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
         Name: BU18-B                  Node: NU18-B                 Status: Onsite
        Group: U18                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
               Area(ac): 66.570                   Time Shift(hrs): 0.00
           Curve Number: 74.30              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00



-----------------------------------------------------------------------------------------------
```

```
         Name: BU18-C                  Node: NU18-C                 Status: Onsite
        Group: U18                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 66.550                     Time Shift(hrs): 0.00
        Curve Number: 74.15              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BU18-D                  Node: NU18-D                 Status: Onsite
        Group: U18                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 66.350                     Time Shift(hrs): 0.00
        Curve Number: 73.40              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BU19-A                  Node: NU19-A                 Status: Onsite
        Group: U19                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 64.030                     Time Shift(hrs): 0.00
        Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BU19-B                  Node: NU19-B                 Status: Onsite
        Group: U19                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 66.640                     Time Shift(hrs): 0.00
        Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BU19-C                  Node: NU19-C                 Status: Onsite
        Group: U19                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
            Area(ac): 66.730                     Time Shift(hrs): 0.00
        Curve Number: 74.45              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BU19-D                  Node: NU19-D                 Status: Onsite
        Group: U19                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 66.650                     Time Shift(hrs): 0.00
        Curve Number: 74.22              Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BU20-A                  Node: NU20-A                 Status: Onsite
        Group: U20                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh256                   Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 65.00
            Area(ac): 33.650                     Time Shift(hrs): 0.00
        Curve Number: 74.29              Max Allowable Q(cfs): 999999.000
```

```
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BU20-B                  Node: NU20-B                 Status: Onsite
       Group: U20                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
             Area(ac): 35.660                  Time Shift(hrs): 0.00
        Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BU20-C                  Node: NU20-C                 Status: Onsite
       Group: U20                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
             Area(ac): 35.990                  Time Shift(hrs): 0.00
        Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BU20-D                  Node: NU20-D                 Status: Onsite
       Group: U20                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
             Area(ac): 34.420                  Time Shift(hrs): 0.00
        Curve Number: 72.90              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BU9-A                   Node: NU09-A                 Status: Onsite
       Group: U09                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                Time of Conc(min): 60.00
             Area(ac): 64.880                  Time Shift(hrs): 0.00
        Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BU9-B                   Node: NU09-B                 Status: Onsite
       Group: U09                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
             Area(ac): 66.830                  Time Shift(hrs): 0.00
        Curve Number: 73.40              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BU9-C                   Node: NU09-C                 Status: Onsite
       Group: U09                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: UH256                   Peaking Factor: 256.0
         Rainfall File: Scsii-24           Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000                Time of Conc(min): 65.00
             Area(ac): 66.830                  Time Shift(hrs): 0.00
        Curve Number: 73.40              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-----------------------------------------------------------------------------------------------
        Name: BU9-D                   Node: NU09-D                 Status: Onsite
       Group: U09                     Type: SCS Unit Hydrograph CN
```

```
        Unit Hydrograph: Uh256                    Peaking Factor: 256.0
          Rainfall File: Scsii-24            Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 60.00
               Area(ac): 66.740                  Time Shift(hrs): 0.00
          Curve Number: 73.25              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
         Name: BWETLND                  Node: NWETLND                Status: Onsite
        Group: LINCOLN                  Type: SCS Unit Hydrograph CN

        Unit Hydrograph: UH256                    Peaking Factor: 256.0
          Rainfall File:                     Storm Duration(hrs): 24.00
    Rainfall Amount(in): 0.000                 Time of Conc(min): 98.20
               Area(ac): 3.430                   Time Shift(hrs): 0.00
          Curve Number: 70.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00



=================================================================================================
==== Nodes ======================================================================================
=================================================================================================

      Name: NB1                 Base Flow(cfs): 0.000          Init Stage(ft): 20.880
     Group: BOOKER               Plunge Factor: 1.00           Warn Stage(ft): 25.080
      Type: Manhole, Flat Floor

CB#23

      Stage(ft)        Area(ac)
--------------- ---------------
         23.000          0.0020
         23.500          0.0140
         24.000          0.3050
         24.500          1.0160
         25.000          1.3850
         25.500          1.5780
         26.000          1.5940
         26.500          1.6650

-------------------------------------------------------------------------------------------------
      Name: NB2                 Base Flow(cfs): 0.000          Init Stage(ft): 20.780
     Group: BOOKER               Plunge Factor: 1.00           Warn Stage(ft): 25.080
      Type: Manhole, Flat Floor

CB#25

      Stage(ft)        Area(ac)
--------------- ---------------
         23.000          0.0340
         23.500          0.3920
         24.000          0.7470
         24.500          1.1240
         25.000          1.2510
         25.500          1.3360

-------------------------------------------------------------------------------------------------
      Name: NB3                 Base Flow(cfs): 0.000          Init Stage(ft): 19.880
     Group: BOOKER               Plunge Factor: 1.30           Warn Stage(ft): 26.080
      Type: Manhole, Flat Floor

CB#26

      Stage(ft)        Area(ac)
--------------- ---------------
         23.500          0.0460
         24.000          0.3160
         24.500          0.8240
         25.000          0.9530
         25.500          1.0150

-------------------------------------------------------------------------------------------------
      Name: NB4                 Base Flow(cfs): 0.000          Init Stage(ft): 19.880
     Group: BOOKER               Plunge Factor: 1.30           Warn Stage(ft): 26.080
      Type: Manhole, Flat Floor

CB#28

      Stage(ft)        Area(ac)
--------------- ---------------
         23.500          0.0390
         24.000          0.4320
         24.500          0.8350
```

25.000	1.0680
25.500	1.2940
26.000	1.4270
26.500	1.5600

Name: NB5 Base Flow(cfs): 0.000 Init Stage(ft): 20.880
Group: BOOKER Plunge Factor: 1.00 Warn Stage(ft): 26.580
Type: Manhole, Flat Floor

CB#29

Stage(ft)	Area(ac)
24.000	0.3310
24.500	1.2350
25.000	1.7140
25.500	1.8740
26.000	2.2940
26.500	2.3680

Name: NBG Base Flow(cfs): 0.000 Init Stage(ft): 19.880
Group: BOOKER Plunge Factor: 1.00 Warn Stage(ft): 25.080
Type: Manhole, Flat Floor

CB#32

Stage(ft)	Area(ac)
23.000	0.0160
23.500	0.1190
24.000	0.5560
24.500	0.8050
25.000	0.9450
25.500	0.9480
26.000	0.9480

Name: NBOUT Base Flow(cfs): 0.000 Init Stage(ft): 22.080
Group: BOOKER Plunge Factor: 1.00 Warn Stage(ft): 25.080
Type: Manhole, Flat Floor

CB#31

Stage(ft)	Area(ac)
22.000	0.0040
22.500	0.0170
23.000	0.0440
23.500	0.1640
24.000	0.6110
24.500	0.9730
25.000	0.9900

Name: NF-10 Base Flow(cfs): 0.000 Init Stage(ft): 0.580
Group: FMAIN Warn Stage(ft): 17.580
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	100.000
100.00	100.000

Name: NF-20 Base Flow(cfs): 0.000 Init Stage(ft): 1.580
Group: FMAIN Warn Stage(ft): 17.580
Type: Stage/Area

Stage(ft)	Area(ac)
2.000	0.0001
15.000	0.0001

Name: NF-25 Base Flow(cfs): 0.000 Init Stage(ft): 2.830
Group: FMAIN Warn Stage(ft): 18.580
Type: Stage/Area

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NF-30               Base Flow(cfs): 0.000          Init Stage(ft): 3.330
     Group: FMAIN                                              Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NF-40               Base Flow(cfs): 0.000          Init Stage(ft): 4.080
     Group: FMAIN                                              Warn Stage(ft): 29.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NF-50               Base Flow(cfs): 0.000          Init Stage(ft): 5.080
     Group: FMAIN                                              Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NF-60               Base Flow(cfs): 0.000          Init Stage(ft): 5.580
     Group: FMAIN                                              Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NF-70               Base Flow(cfs): 0.000          Init Stage(ft): 5.830
     Group: FMAIN                                              Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NF-80               Base Flow(cfs): 0.000          Init Stage(ft): 8.580
     Group: FMAIN                                              Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NF-85               Base Flow(cfs): 0.000          Init Stage(ft): 10.580
     Group: FMAIN                                              Warn Stage(ft): 29.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NF-90               Base Flow(cfs): 0.000          Init Stage(ft): 11.080
     Group: FMAIN                                              Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NFJVSDITCH          Base Flow(cfs): 0.000          Init Stage(ft): 14.500
     Group: FJV                                                Warn Stage(ft): 14.500
```

Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	14.500
1000.00	14.500

Name: NI-05 Base Flow(cfs): 0.000 Init Stage(ft): 10.580
Group: LI Warn Stage(ft): 26.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NI-10 Base Flow(cfs): 0.000 Init Stage(ft): 12.580
Group: LI Warn Stage(ft): 26.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NI-10W Base Flow(cfs): 0.000 Init Stage(ft): 15.580
Group: I01 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.000	0.0000
19.500	0.4960
20.000	4.8200
20.500	16.2230
21.000	32.6360
21.500	55.7210
22.000	79.8170
22.500	86.8530
23.000	88.2140
23.500	88.7110
24.000	88.9730
24.500	89.6130
25.000	89.9000
25.500	89.9430
26.000	89.9720

Name: NI-20 Base Flow(cfs): 0.000 Init Stage(ft): 12.580
Group: LI Warn Stage(ft): 26.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NI-20A Base Flow(cfs): 0.000 Init Stage(ft): 16.580
Group: I02 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
18.000	0.0000
18.500	1.2300
19.000	6.5610
19.500	12.2380
20.000	17.6180
20.500	21.7650
21.000	29.3610
21.500	35.3320
22.000	42.5180
22.500	47.2880
23.000	48.1910
23.500	49.0620
24.000	49.4500

```
         24.500         49.8060
         25.000         50.0270
         25.500         50.0430

-------------------------------------------------------------------------------------------
      Name: NI-20W              Base Flow(cfs): 0.000          Init Stage(ft): 15.580
     Group: I02                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.500          0.0000
         19.000          1.5310
         19.500          5.2130
         20.000         12.2470
         20.500         23.9960
         21.000         43.2530
         21.500         57.1930
         22.000         59.4980
         22.500         60.5060
         23.000         61.2080
         23.500         61.3090

-------------------------------------------------------------------------------------------
      Name: NI-21               Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: LI                                                 Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NI-22               Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: LI                                                 Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NI-24               Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: LI                                                 Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NI-25               Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: LI                                                 Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NI-25A              Base Flow(cfs): 0.000          Init Stage(ft): 15.580
     Group: I25                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.000          0.0000
         17.500          0.3950
         18.000          1.6150
         18.500          5.3540
         19.000         11.6560
         19.500         20.4870
         20.000         32.5730
         20.500         41.8930
         21.000         50.1950
         21.500         60.8300
         22.000         66.1920
         22.500         67.0460
```

```
         23.000         67.2080
         23.500         67.2140

-------------------------------------------------------------------------------------------
      Name: NI-25B              Base Flow(cfs): 0.000          Init Stage(ft): 15.580
     Group: I25                                              Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NI-25C              Base Flow(cfs): 0.000          Init Stage(ft): 16.580
     Group: I25                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.000          0.0000
         19.500          0.4610
         20.000          2.6050
         20.500          6.7800
         21.000         12.4180
         21.500         19.5010
         22.000         30.1350
         22.500         40.5170
         23.000         47.8410
         23.500         49.9380
         24.000         51.1280
         24.500         52.0950
         25.000         52.3600

-------------------------------------------------------------------------------------------
      Name: NI-30               Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: LI                                               Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NI-30W              Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: I03                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.000          0.0000
         18.500          2.3090
         19.000          8.0630
         19.500         18.4480
         20.000         35.0860
         20.500         52.9590
         21.000         65.1710
         21.500         69.0120
         22.000         69.5120
         22.500         69.6930
         23.000         69.7390

-------------------------------------------------------------------------------------------
      Name: NI-40               Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: LI                                               Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NI-40A              Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: I04                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

15.500	0.0000
16.000	0.0020
16.500	0.1840
17.000	0.3420
17.500	0.5200
18.000	1.2400
18.500	3.1060
19.000	6.2790
19.500	12.6700
20.000	19.0730
20.500	25.7540
21.000	32.4950
21.500	38.5630
22.000	42.6900
22.500	43.5340
23.000	43.7740
23.500	43.8570
24.000	43.9320
24.500	44.0150
25.000	44.3720

Name: NI-40B Base Flow(cfs): 0.000 Init Stage(ft): 14.580
Group: I04 Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NI-40C Base Flow(cfs): 0.000 Init Stage(ft): 16.580
Group: I04 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
16.500	0.0000
18.500	0.0000
19.000	0.1120
19.500	0.5850
20.000	1.4400
20.500	5.4560
21.000	13.2390
21.500	26.5370
22.000	49.5980
22.500	66.1890
23.000	73.2210
23.500	76.2660
24.000	78.2230
24.500	79.6330
25.000	80.2090
25.500	80.5740
26.000	80.9990

Name: NI-40M Base Flow(cfs): 0.000 Init Stage(ft): 17.580
Group: I04 Warn Stage(ft): 22.580
Type: Stage/Area

Stage(ft)	Area(ac)
17.500	0.0000
18.000	0.0070
18.500	1.9900
19.000	4.7130
19.500	8.2930
20.000	10.5770
20.500	11.3360
21.000	11.9990
21.500	12.5020
22.000	12.8160
22.500	12.9800
23.000	13.1220
23.500	13.3240

Name: NI-40W Base Flow(cfs): 0.000 Init Stage(ft): 14.580
Group: I04 Warn Stage(ft): 22.580
Type: Stage/Area

Stage(ft)	Area(ac)
17.000	0.0000
17.500	0.2650
18.000	1.2340
18.500	4.8110
19.000	9.6380
19.500	18.4810
20.000	42.9300
20.500	56.3060
21.000	66.9040
21.500	69.0030
22.000	69.2240
22.500	69.4380
23.000	69.5000
23.500	69.5430
24.000	69.5970
24.500	69.6240
25.000	69.7320

Name: NI-49 Base Flow(cfs): 0.000 Init Stage(ft): 13.580
Group: LI Warn Stage(ft): 26.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NI-50 Base Flow(cfs): 0.000 Init Stage(ft): 13.580
Group: LI Warn Stage(ft): 26.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NI-50A Base Flow(cfs): 0.000 Init Stage(ft): 14.580
Group: I05 Warn Stage(ft): 22.580
Type: Stage/Area

Stage(ft)	Area(ac)
16.500	0.0000
17.000	0.0080
17.500	0.3140
18.000	0.9830
18.500	2.6430
19.000	6.4910
19.500	14.7130
20.000	25.8000
20.500	38.6800
21.000	52.3700
21.500	64.3190
22.000	66.3170
22.500	66.9050
23.000	66.9820

Name: NI-50B Base Flow(cfs): 0.000 Init Stage(ft): 14.580
Group: I05 Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NI-50C Base Flow(cfs): 0.000 Init Stage(ft): 16.580
Group: I05 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
17.000	0.0000

```
         17.500          0.0020
         18.000          0.3260
         18.500          0.4500
         19.000          0.5560
         19.500          1.0360
         20.000          2.5950
         20.500          6.1040
         21.000         13.2810
         21.500         25.6980
         22.000         36.3180
         22.500         45.5130
         23.000         48.1320
         23.500         49.8630
         24.000         50.6250
         24.500         51.6150
         25.000         52.1910
         25.500         52.6040
         26.000         52.7430
         26.500         53.0510

-------------------------------------------------------------------------------------------
      Name: NI-50W              Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: I05                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.500          0.0000
         18.000          0.3240
         18.500          3.1380
         19.000          8.0190
         19.500         19.5030
         20.000         35.6230
         20.500         57.0480
         21.000         65.8290
         21.500         67.9630
         22.000         68.3770
         22.500         68.5440
         23.000         68.6190
         23.500         68.8240

-------------------------------------------------------------------------------------------
      Name: NI-60               Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: LI                                               Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NI-60A              Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: I06                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         16.500          0.0000
         17.000          0.0620
         17.500          0.6420
         18.000          2.1100
         18.500          4.7950
         19.000         11.5710
         19.500         20.9500
         20.000         33.7190
         20.500         49.7940
         21.000         63.2330
         21.500         66.3460
         22.000         66.7930
         22.500         66.9190
         23.000         67.1520

-------------------------------------------------------------------------------------------
      Name: NI-60B              Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: I06                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NI-60C              Base Flow(cfs): 0.000          Init Stage(ft): 16.580
     Group: I06                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.000          0.0000
         17.500          0.0100
         18.000          0.1860
         18.500          0.3120
         19.000          0.5340
         19.500          1.4520
         20.000          4.6220
         20.500         11.0330
         21.000         21.8960
         21.500         37.9380
         22.000         48.2820
         22.500         50.1150
         23.000         50.7050
         23.500         51.0400
         24.000         52.0100
         24.500         52.8840
         25.000         53.1450
         25.500         53.2140

-------------------------------------------------------------------------------------------
      Name: NI-60W              Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: I06                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         16.000          0.0000
         16.500          0.2040
         17.000          0.7140
         17.500          3.9080
         18.000         10.3660
         18.500         19.6120
         19.000         31.3590
         19.500         46.6650
         20.000         61.0780
         20.500         68.2610
         21.000         68.6740
         21.500         68.7240

-------------------------------------------------------------------------------------------
      Name: NI-70               Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: LI                                                 Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NI-70A              Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: I07                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.000          0.0000
         17.500          0.4800
         18.000          1.4650
         18.500          4.9440
         19.000         10.3830
         19.500         16.2180
         20.000         27.1500
         20.500         39.2750
         21.000         42.5050
         21.500         43.9140
         22.000         44.0060
         22.500         44.0930
         23.000         44.5040

-------------------------------------------------------------------------------------------
      Name: NI-70B              Base Flow(cfs): 0.000          Init Stage(ft): 14.580
```

```
     Group: I07                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NI-70C              Base Flow(cfs): 0.000          Init Stage(ft): 15.580
     Group: I07                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         16.000          0.0000
         16.500          0.0350
         17.000          0.2570
         17.500          0.3990
         18.000          0.5590
         18.500          0.9420
         19.000          1.2210
         19.500          2.1480
         20.000          6.0620
         20.500          9.6070
         21.000         14.9990
         21.500         21.7740
         22.000         25.6580
         22.500         26.2200
         23.000         26.5610
         23.500         26.7150
         24.000         27.0200
         24.500         27.0580

-------------------------------------------------------------------------------------------
      Name: NI-70W              Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: I07                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         16.500          0.0000
         17.000          0.2330
         17.500          1.9530
         18.000          5.8970
         18.500         12.4710
         19.000         22.0560
         19.500         38.5440
         20.000         53.4730
         20.500         61.5170
         21.000         66.3490
         21.500         68.3880
         22.000         68.6250

-------------------------------------------------------------------------------------------
      Name: NI-75A              Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: I75                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         11.500          0.0000
         12.000          0.0070
         12.500          0.0180
         13.000          0.1080
         13.500          0.2640
         14.000          0.4290
         14.500          0.8200
         15.000          1.2220
         15.500          1.5730
         16.000          1.9700
         16.500          2.2980
         17.000          3.0080
         17.500          5.9460
         18.000         14.1360
         18.500         24.0590
         19.000         36.1120
         19.500         51.1840
         20.000         66.9950
         20.500         75.8620
```

```
         21.000         77.7590
         21.500         77.8790
         22.000         77.9120

-------------------------------------------------------------------------------------------
      Name: NI-75M              Base Flow(cfs): 0.000          Init Stage(ft): 16.580
     Group: I75                                              Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         16.500          0.7330
         17.000          2.4840
         17.500          3.4230
         18.000          4.2670
         18.500          5.3980
         19.000          6.5660
         19.500          7.6050
         20.000          8.0300
         20.500          8.3820
         21.000          8.4000

-------------------------------------------------------------------------------------------
      Name: NI-80               Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: LI                                               Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NL1                 Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: LINCOLN              Plunge Factor: 1.00           Warn Stage(ft): 25.080
      Type: Manhole, Flat Floor

CB#12

      Stage(ft)        Area(ac)
--------------- ---------------
         22.000          0.0100
         22.500          0.0520
         23.000          0.4540
         23.500          2.2860
         24.000          3.3800
         24.500          3.3810

-------------------------------------------------------------------------------------------
      Name: NL2                 Base Flow(cfs): 0.000          Init Stage(ft): 19.880
     Group: LINCOLN              Plunge Factor: 1.30           Warn Stage(ft): 25.080
      Type: Manhole, Flat Floor

CB#13

      Stage(ft)        Area(ac)
--------------- ---------------
         22.000          0.0120
         22.500          0.0500
         23.000          0.8100
         23.500          3.1350
         24.000          3.8990
         24.500          3.9400
         25.000          3.9820
         25.500          3.9830

-------------------------------------------------------------------------------------------
      Name: NL3                 Base Flow(cfs): 0.000          Init Stage(ft): 20.180
     Group: LINCOLN              Plunge Factor: 1.00           Warn Stage(ft): 25.080
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------
         22.500          0.0330
         23.000          0.2100
         23.500          1.0250
         24.000          1.6790
         24.500          1.8610
         25.000          2.1460
         25.500          2.1820
         26.000          2.2910
```

```
-------------------------------------------------------------------------------------------
      Name: NL4                 Base Flow(cfs): 0.000          Init Stage(ft): 20.180
     Group: LINCOLN                                            Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.500          0.0140
         23.000          0.0460
         23.500          0.4120
         24.000          1.1870
         24.500          1.2460
         25.000          1.3050
         25.500          1.3730
         26.000          1.5770

-------------------------------------------------------------------------------------------
      Name: NLAKE               Base Flow(cfs): 0.000          Init Stage(ft): 19.830
     Group: STATE                                              Warn Stage(ft): 22.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         14.500          3.5300
         19.750          4.3800
         21.250          4.6400
         24.500          5.2200

-------------------------------------------------------------------------------------------
      Name: NLDIV               Base Flow(cfs): 0.000          Init Stage(ft): 20.180
     Group: LINCOLN                                            Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.300          0.0001
         24.000          0.0001
         25.500          0.0100

-------------------------------------------------------------------------------------------
      Name: NLDIVOVR            Base Flow(cfs): 0.000          Init Stage(ft): 20.180
     Group: LINCOLN                                            Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.300          0.0001
         24.000          0.0001
         25.500          0.0100

-------------------------------------------------------------------------------------------
      Name: NLOUT               Base Flow(cfs): 0.000          Init Stage(ft): 19.880
     Group: LINCOLN              Plunge Factor: 1.00           Warn Stage(ft): 25.080
      Type: Manhole, Flat Floor

CB#20

      Stage(ft)        Area(ac)
--------------- ---------------
         21.300          0.0001
         23.900          0.0001
         26.000          0.0100

-------------------------------------------------------------------------------------------
      Name: NP-10               Base Flow(cfs): 0.000          Init Stage(ft): 8.830
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-100              Base Flow(cfs): 0.000          Init Stage(ft): 11.080
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area
```

Stage(ft)	Area(ac)

Name: NP-100S Base Flow(cfs): 0.000 Init Stage(ft): 26.580
Group: PL Warn Stage(ft): 26.580
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	28.000
120.00	28.000

Name: NP-10S Base Flow(cfs): 0.000 Init Stage(ft): 26.580
Group: PL Warn Stage(ft): 26.580
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	28.000
120.00	28.000

Name: NP-10W Base Flow(cfs): 0.000 Init Stage(ft): 14.080
Group: P01 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
17.000	0.0000
17.500	0.1610
18.000	3.0340
18.500	7.3300
19.000	16.6800
19.500	25.0130
20.000	37.2610
20.500	49.6300
21.000	66.0640
21.500	90.4400
22.000	105.9400
22.500	110.0200
23.000	111.5820
23.500	112.7730
24.000	113.4730
24.500	114.0270
25.000	114.4240
25.500	114.5040
26.000	114.5750
26.500	114.6320
27.000	114.6860
27.500	114.7360
28.000	114.7980
28.500	114.8350
29.000	114.8690
29.500	114.9020
30.000	114.9360
30.500	114.9690
31.000	115.0050
31.500	115.0410
32.000	115.0860
32.500	115.1210
33.000	115.1560
33.500	115.1950
34.000	115.2330
34.500	115.2830
35.000	115.3380
35.500	115.4280
36.000	115.4680
36.500	115.5280
37.000	115.5770
37.500	115.6290
38.000	115.7170
38.500	115.7220
39.000	115.7270
39.500	115.7330
40.000	115.7370
40.500	115.7410

```
         41.000        115.7450
         41.500        115.7690

-------------------------------------------------------------------------------------------
      Name: NP-110              Base Flow(cfs): 0.000          Init Stage(ft): 11.330
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-120              Base Flow(cfs): 0.000          Init Stage(ft): 11.580
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-120S             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: PL                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NP-130              Base Flow(cfs): 0.000          Init Stage(ft): 11.830
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-135              Base Flow(cfs): 0.000          Init Stage(ft): 11.955
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-140              Base Flow(cfs): 0.000          Init Stage(ft): 12.080
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-140S             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: PL                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NP-150              Base Flow(cfs): 0.000          Init Stage(ft): 12.330
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP-160              Base Flow(cfs): 0.000          Init Stage(ft): 12.580
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-170              Base Flow(cfs): 0.000          Init Stage(ft): 12.880
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-180              Base Flow(cfs): 0.000          Init Stage(ft): 13.080
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-180S             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: PL                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NP-190              Base Flow(cfs): 0.000          Init Stage(ft): 13.330
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-20               Base Flow(cfs): 0.000          Init Stage(ft): 9.080
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-200              Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-210              Base Flow(cfs): 0.000          Init Stage(ft): 13.830
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-210S             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: PL                                                 Warn Stage(ft): 26.580
```

```
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NP-220              Base Flow(cfs): 0.000          Init Stage(ft): 14.080
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-230              Base Flow(cfs): 0.000          Init Stage(ft): 14.330
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-240              Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-240S             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: PL                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NP-25               Base Flow(cfs): 0.000          Init Stage(ft): 9.205
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-250A             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: PL                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NP-25A              Base Flow(cfs): 0.000          Init Stage(ft): 18.580
     Group: p25                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         20.000          0.0000
         20.500          0.2260
         21.000          0.8760
         21.500          2.4050
```

```
         22.000          6.2080
         22.500         10.7360
         23.000         22.7760
         23.500         38.6140
         24.000         46.6490
         24.500         49.2040
         25.000         49.7040
         25.500         50.0110
         26.000         50.6300
         26.500         50.6930
         27.000         50.7320
         27.500         50.7520
         28.000         50.7990
         28.500         50.8140

-------------------------------------------------------------------------------------------
      Name: NP-30               Base Flow(cfs): 0.000          Init Stage(ft): 9.330
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-30S              Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: PL                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NP-30W              Base Flow(cfs): 0.000          Init Stage(ft): 15.080
     Group: P03                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-30W2             Base Flow(cfs): 0.000          Init Stage(ft): 15.080
     Group: P03                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         15.500          0.0000
         16.000          0.3320
         16.500          0.5290
         17.000          0.7870
         17.500          1.2890
         18.000          2.8140
         18.500          6.2370
         19.000         12.1230
         19.500         18.9150
         20.000         25.4660
         20.500         29.9730
         21.000         33.3120
         21.500         36.6120
         22.000         38.7990
         22.500         40.3320
         23.000         41.3790
         23.500         42.3950
         24.000         42.7970
         24.500         42.9630
         25.000         43.2100
         25.500         43.2730

-------------------------------------------------------------------------------------------
      Name: NP-35               Base Flow(cfs): 0.000          Init Stage(ft): 9.455
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
```

--- ---

Name: NP-35A Base Flow(cfs): 0.000 Init Stage(ft): 18.580
Group: p35 Warn Stage(ft): 25.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.000	0.0000
19.500	0.4840
20.000	0.9250
20.500	1.4550
21.000	2.4250
21.500	5.2080
22.000	11.0280
22.500	19.6150
23.000	33.1810
23.500	49.5060
24.000	58.2930
24.500	59.5490
25.000	59.9580
25.500	60.1810
26.000	60.2970
26.500	60.3930
27.000	60.4380
27.500	60.4680

Name: NP-40 Base Flow(cfs): 0.000 Init Stage(ft): 9.580
Group: PL Warn Stage(ft): 31.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NP-45 Base Flow(cfs): 0.000 Init Stage(ft): 9.705
Group: PL Warn Stage(ft): 31.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NP-45A Base Flow(cfs): 0.000 Init Stage(ft): 17.580
Group: p45 Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.6140
21.500	4.0960
22.000	11.9270
22.500	20.3450
23.000	35.6560
23.500	48.8720
24.000	57.0500
24.500	58.6220
25.000	59.1520

Name: NP-50 Base Flow(cfs): 0.000 Init Stage(ft): 9.830
Group: PL Warn Stage(ft): 31.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NP-55 Base Flow(cfs): 0.000 Init Stage(ft): 9.955
Group: PL Warn Stage(ft): 31.580
Type: Stage/Area

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-55A              Base Flow(cfs): 0.000          Init Stage(ft): 17.580
     Group: p55                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.000          0.0000
         19.500          0.1090
         20.000          0.3490
         20.500          1.5010
         21.000          6.0800
         21.500         12.8610
         22.000         21.4850
         22.500         33.9000
         23.000         46.0590
         23.500         54.4240
         24.000         59.1610
         24.500         59.6530

-------------------------------------------------------------------------------------------
      Name: NP-60               Base Flow(cfs): 0.000          Init Stage(ft): 10.080
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-60S              Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: PL                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NP-70               Base Flow(cfs): 0.000          Init Stage(ft): 10.330
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-80               Base Flow(cfs): 0.000          Init Stage(ft): 10.580
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-80S              Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: PL                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NP-80W              Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: P08                                                Warn Stage(ft): 22.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------
         16.500          0.0000
         17.000          0.1530
         17.500          0.9780
         18.000          1.9470
         18.500          6.4950
         19.000         16.4060
         19.500         44.4040
         20.000         83.2130
         20.500        114.6470
         21.000        135.5940
         21.500        143.4140
         22.000        145.8650
         22.500        147.6560
         23.000        148.5670
         23.500        149.1290
         24.000        149.5190
         24.500        149.8040
         25.000        149.8420

-------------------------------------------------------------------------------------------
      Name: NP-90               Base Flow(cfs): 0.000          Init Stage(ft): 10.830
     Group: PL                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP-FJVE             Base Flow(cfs): 0.000          Init Stage(ft): 16.500
     Group: FJV                                                Warn Stage(ft): 23.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         16.000          2.3200
         17.000         13.2600
         18.000         24.1000
         19.000         35.4300
         20.000         55.3800
         21.000        332.6700
         22.000       1010.2500
         23.000       2077.2700
         24.000       3007.5700

-------------------------------------------------------------------------------------------
      Name: NP01A05             Base Flow(cfs): 0.000          Init Stage(ft): 15.080
     Group: P01                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01A07             Base Flow(cfs): 0.000          Init Stage(ft): 17.110
     Group: P01                                                Warn Stage(ft): 23.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01A09             Base Flow(cfs): 0.000          Init Stage(ft): 17.220
     Group: P01                                                Warn Stage(ft): 23.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01A13             Base Flow(cfs): 0.000          Init Stage(ft): 18.290
     Group: P01                                                Warn Stage(ft): 23.830
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01A15             Base Flow(cfs): 0.000          Init Stage(ft): 18.620
     Group: P01                                                Warn Stage(ft): 23.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01A17             Base Flow(cfs): 0.000          Init Stage(ft): 18.820
     Group: P01                                                Warn Stage(ft): 23.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01B01             Base Flow(cfs): 0.000          Init Stage(ft): 19.560
     Group: P01                                                Warn Stage(ft): 24.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01B03             Base Flow(cfs): 0.000          Init Stage(ft): 19.560
     Group: P01                                                Warn Stage(ft): 24.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01B07             Base Flow(cfs): 0.000          Init Stage(ft): 19.560
     Group: P01                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01B09             Base Flow(cfs): 0.000          Init Stage(ft): 19.730
     Group: P01                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01B13             Base Flow(cfs): 0.000          Init Stage(ft): 19.730
     Group: P01                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01B15             Base Flow(cfs): 0.000          Init Stage(ft): 19.730
     Group: P01                                                Warn Stage(ft): 24.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP01B17             Base Flow(cfs): 0.000          Init Stage(ft): 19.730
     Group: P01                                                Warn Stage(ft): 24.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01B21             Base Flow(cfs): 0.000          Init Stage(ft): 19.730
     Group: P01                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01B23             Base Flow(cfs): 0.000          Init Stage(ft): 19.730
     Group: P01                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01C01             Base Flow(cfs): 0.000          Init Stage(ft): 19.730
     Group: P01                                                Warn Stage(ft): 25.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01C03             Base Flow(cfs): 0.000          Init Stage(ft): 19.730
     Group: P01                                                Warn Stage(ft): 25.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01C07             Base Flow(cfs): 0.000          Init Stage(ft): 19.730
     Group: P01                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01C09             Base Flow(cfs): 0.000          Init Stage(ft): 19.730
     Group: P01                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01C13             Base Flow(cfs): 0.000          Init Stage(ft): 20.620
     Group: P01                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01C15             Base Flow(cfs): 0.000          Init Stage(ft): 20.620
     Group: P01                                                Warn Stage(ft): 26.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01D01             Base Flow(cfs): 0.000          Init Stage(ft): 20.990
     Group: P01                                              Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01D03             Base Flow(cfs): 0.000          Init Stage(ft): 20.990
     Group: P01                                              Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP01E01             Base Flow(cfs): 0.000          Init Stage(ft): 21.280
     Group: P01                                              Warn Stage(ft): 26.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02A05             Base Flow(cfs): 0.000          Init Stage(ft): 17.080
     Group: P02                                              Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02A09             Base Flow(cfs): 0.000          Init Stage(ft): 17.550
     Group: P02                                              Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02A15             Base Flow(cfs): 0.000          Init Stage(ft): 18.710
     Group: P02                                              Warn Stage(ft): 24.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02A17             Base Flow(cfs): 0.000          Init Stage(ft): 19.110
     Group: P02                                              Warn Stage(ft): 24.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02A19             Base Flow(cfs): 0.000          Init Stage(ft): 19.410
     Group: P02                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02B01             Base Flow(cfs): 0.000          Init Stage(ft): 19.410
     Group: P02                                              Warn Stage(ft): 25.080
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02B05             Base Flow(cfs): 0.000          Init Stage(ft): 19.410
     Group: P02                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02B10             Base Flow(cfs): 0.000          Init Stage(ft): 19.410
     Group: P02                                                Warn Stage(ft): 25.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02C01             Base Flow(cfs): 0.000          Init Stage(ft): 19.770
     Group: P02                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02C05             Base Flow(cfs): 0.000          Init Stage(ft): 19.770
     Group: P02                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02C11             Base Flow(cfs): 0.000          Init Stage(ft): 19.770
     Group: P02                                                Warn Stage(ft): 25.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02C13             Base Flow(cfs): 0.000          Init Stage(ft): 19.770
     Group: P02                                                Warn Stage(ft): 26.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02D01             Base Flow(cfs): 0.000          Init Stage(ft): 21.780
     Group: P02                                                Warn Stage(ft): 28.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02D05             Base Flow(cfs): 0.000          Init Stage(ft): 25.510
     Group: P02                                                Warn Stage(ft): 28.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP02D11             Base Flow(cfs): 0.000          Init Stage(ft): 28.810
     Group: P02                                               Warn Stage(ft): 29.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02D13             Base Flow(cfs): 0.000          Init Stage(ft): 29.240
     Group: P02                                               Warn Stage(ft): 30.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02D15             Base Flow(cfs): 0.000          Init Stage(ft): 29.240
     Group: P02                                               Warn Stage(ft): 30.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02D17             Base Flow(cfs): 0.000          Init Stage(ft): 29.240
     Group: P02                                               Warn Stage(ft): 30.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP02E01             Base Flow(cfs): 0.000          Init Stage(ft): 29.240
     Group: P02                                               Warn Stage(ft): 29.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03A05             Base Flow(cfs): 0.000          Init Stage(ft): 16.080
     Group: P03                                               Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03A09             Base Flow(cfs): 0.000          Init Stage(ft): 17.530
     Group: P03                                               Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03A13             Base Flow(cfs): 0.000          Init Stage(ft): 19.170
     Group: P03                                               Warn Stage(ft): 24.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03A15             Base Flow(cfs): 0.000          Init Stage(ft): 19.740
     Group: P03                                               Warn Stage(ft): 24.830
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03A17             Base Flow(cfs): 0.000          Init Stage(ft): 19.740
     Group: P03                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03B01             Base Flow(cfs): 0.000          Init Stage(ft): 19.740
     Group: P03                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03B05             Base Flow(cfs): 0.000          Init Stage(ft): 19.740
     Group: P03                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03B10             Base Flow(cfs): 0.000          Init Stage(ft): 19.740
     Group: P03                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03C01             Base Flow(cfs): 0.000          Init Stage(ft): 20.160
     Group: P03                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03C05             Base Flow(cfs): 0.000          Init Stage(ft): 21.010
     Group: P03                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03C09             Base Flow(cfs): 0.000          Init Stage(ft): 21.690
     Group: P03                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03C11             Base Flow(cfs): 0.000          Init Stage(ft): 21.690
     Group: P03                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP03D01             Base Flow(cfs): 0.000          Init Stage(ft): 22.020
     Group: P03                                                Warn Stage(ft): 27.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03D05             Base Flow(cfs): 0.000          Init Stage(ft): 24.090
     Group: P03                                                Warn Stage(ft): 28.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03D10             Base Flow(cfs): 0.000          Init Stage(ft): 26.170
     Group: P03                                                Warn Stage(ft): 28.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03D13             Base Flow(cfs): 0.000          Init Stage(ft): 27.250
     Group: P03                                                Warn Stage(ft): 28.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03D15             Base Flow(cfs): 0.000          Init Stage(ft): 28.930
     Group: P03                                                Warn Stage(ft): 29.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03E01             Base Flow(cfs): 0.000          Init Stage(ft): 26.880
     Group: P03                                                Warn Stage(ft): 29.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP03E05             Base Flow(cfs): 0.000          Init Stage(ft): 27.580
     Group: P03                                                Warn Stage(ft): 29.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.450
     Group: P04                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04A05             Base Flow(cfs): 0.000          Init Stage(ft): 16.660
     Group: P04                                                Warn Stage(ft): 24.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04A10             Base Flow(cfs): 0.000          Init Stage(ft): 17.960
     Group: P04                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04A13             Base Flow(cfs): 0.000          Init Stage(ft): 18.420
     Group: P04                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04A15             Base Flow(cfs): 0.000          Init Stage(ft): 18.860
     Group: P04                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04B01             Base Flow(cfs): 0.000          Init Stage(ft): 19.180
     Group: P04                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04B05             Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: P04                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04B10             Base Flow(cfs): 0.000          Init Stage(ft): 19.980
     Group: P04                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04B15             Base Flow(cfs): 0.000          Init Stage(ft): 19.980
     Group: P04                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04C01             Base Flow(cfs): 0.000          Init Stage(ft): 19.980
     Group: P04                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04C05             Base Flow(cfs): 0.000          Init Stage(ft): 19.980
     Group: P04                                              Warn Stage(ft): 25.330
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04D01             Base Flow(cfs): 0.000          Init Stage(ft): 21.410
     Group: P04                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04D05             Base Flow(cfs): 0.000          Init Stage(ft): 23.220
     Group: P04                                                Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04E01             Base Flow(cfs): 0.000          Init Stage(ft): 25.030
     Group: P04                                                Warn Stage(ft): 28.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04E05             Base Flow(cfs): 0.000          Init Stage(ft): 26.950
     Group: P04                                                Warn Stage(ft): 29.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP04E07             Base Flow(cfs): 0.000          Init Stage(ft): 26.950
     Group: P04                                                Warn Stage(ft): 30.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         21.800          0.0001
         26.500          0.0001

-------------------------------------------------------------------------------------------
      Name: NP04E10             Base Flow(cfs): 0.000          Init Stage(ft): 26.950
     Group: P04                                                Warn Stage(ft): 30.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05A03             Base Flow(cfs): 0.000          Init Stage(ft): 14.090
     Group: P05                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05A05             Base Flow(cfs): 0.000          Init Stage(ft): 16.550
     Group: P05                                                Warn Stage(ft): 23.830
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05A10             Base Flow(cfs): 0.000          Init Stage(ft): 18.020
     Group: P05                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05A13             Base Flow(cfs): 0.000          Init Stage(ft): 18.540
     Group: P05                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05A15             Base Flow(cfs): 0.000          Init Stage(ft): 18.540
     Group: P05                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05B01             Base Flow(cfs): 0.000          Init Stage(ft): 18.540
     Group: P05                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05B03             Base Flow(cfs): 0.000          Init Stage(ft): 18.540
     Group: P05                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05B05             Base Flow(cfs): 0.000          Init Stage(ft): 18.540
     Group: P05                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05B07             Base Flow(cfs): 0.000          Init Stage(ft): 18.540
     Group: P05                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05B09             Base Flow(cfs): 0.000          Init Stage(ft): 19.180
     Group: P05                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05B11             Base Flow(cfs): 0.000          Init Stage(ft): 19.190
     Group: P05                                              Warn Stage(ft): 25.080
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP05B13             Base Flow(cfs): 0.000          Init Stage(ft): 19.190
     Group: P05                                                Warn Stage(ft): 24.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP05C01             Base Flow(cfs): 0.000          Init Stage(ft): 19.190
     Group: P05                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP05C05             Base Flow(cfs): 0.000          Init Stage(ft): 19.190
     Group: P05                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP05C10             Base Flow(cfs): 0.000          Init Stage(ft): 19.190
     Group: P05                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP05D01             Base Flow(cfs): 0.000          Init Stage(ft): 21.030
     Group: P05                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP05D05             Base Flow(cfs): 0.000          Init Stage(ft): 23.110
     Group: P05                                                Warn Stage(ft): 27.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP05D10             Base Flow(cfs): 0.000          Init Stage(ft): 25.180
     Group: P05                                                Warn Stage(ft): 27.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP05E01             Base Flow(cfs): 0.000          Init Stage(ft): 27.260
     Group: P05                                                Warn Stage(ft): 28.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP05E05             Base Flow(cfs): 0.000          Init Stage(ft): 28.450
     Group: P05                                               Warn Stage(ft): 30.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05E07             Base Flow(cfs): 0.000          Init Stage(ft): 28.860
     Group: P05                                               Warn Stage(ft): 30.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP05E10             Base Flow(cfs): 0.000          Init Stage(ft): 27.280
     Group: P05                                               Warn Stage(ft): 30.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06A01             Base Flow(cfs): 0.000          Init Stage(ft): 9.160
     Group: P06                                               Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06A05             Base Flow(cfs): 0.000          Init Stage(ft): 14.900
     Group: P06                                               Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06A07             Base Flow(cfs): 0.000          Init Stage(ft): 15.410
     Group: P06                                               Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06A09             Base Flow(cfs): 0.000          Init Stage(ft): 15.410
     Group: P06                                               Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06A11             Base Flow(cfs): 0.000          Init Stage(ft): 15.420
     Group: P06                                               Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06A15             Base Flow(cfs): 0.000          Init Stage(ft): 16.760
     Group: P06                                               Warn Stage(ft): 23.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06A17             Base Flow(cfs): 0.000          Init Stage(ft): 17.200
     Group: P06                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06A19             Base Flow(cfs): 0.000          Init Stage(ft): 18.030
     Group: P06                                                Warn Stage(ft): 23.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06B01             Base Flow(cfs): 0.000          Init Stage(ft): 18.230
     Group: P06                                                Warn Stage(ft): 23.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06B05             Base Flow(cfs): 0.000          Init Stage(ft): 18.260
     Group: P06                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06B07             Base Flow(cfs): 0.000          Init Stage(ft): 18.260
     Group: P06                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06B10             Base Flow(cfs): 0.000          Init Stage(ft): 19.750
     Group: P06                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06C01             Base Flow(cfs): 0.000          Init Stage(ft): 20.770
     Group: P06                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06C05             Base Flow(cfs): 0.000          Init Stage(ft): 21.410
     Group: P06                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP06C10             Base Flow(cfs): 0.000          Init Stage(ft): 22.030
     Group: P06                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06D01             Base Flow(cfs): 0.000          Init Stage(ft): 23.230
     Group: P06                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06D05             Base Flow(cfs): 0.000          Init Stage(ft): 24.400
     Group: P06                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06D10             Base Flow(cfs): 0.000          Init Stage(ft): 25.570
     Group: P06                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06E01             Base Flow(cfs): 0.000          Init Stage(ft): 26.740
     Group: P06                                                Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06E05             Base Flow(cfs): 0.000          Init Stage(ft): 28.030
     Group: P06                                                Warn Stage(ft): 28.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06E07             Base Flow(cfs): 0.000          Init Stage(ft): 28.480
     Group: P06                                                Warn Stage(ft): 30.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP06E10             Base Flow(cfs): 0.000          Init Stage(ft): 28.880
     Group: P06                                                Warn Stage(ft): 30.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07A01             Base Flow(cfs): 0.000          Init Stage(ft): 15.080
     Group: P07                                                Warn Stage(ft): 22.830
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07A05             Base Flow(cfs): 0.000          Init Stage(ft): 15.630
     Group: P07                                              Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07A10             Base Flow(cfs): 0.000          Init Stage(ft): 16.890
     Group: P07                                              Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07A13             Base Flow(cfs): 0.000          Init Stage(ft): 17.590
     Group: P07                                              Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07A15             Base Flow(cfs): 0.000          Init Stage(ft): 17.720
     Group: P07                                              Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07B01             Base Flow(cfs): 0.000          Init Stage(ft): 18.840
     Group: P07                                              Warn Stage(ft): 23.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07B05             Base Flow(cfs): 0.000          Init Stage(ft): 18.890
     Group: P07                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07B10             Base Flow(cfs): 0.000          Init Stage(ft): 18.930
     Group: P07                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07C01             Base Flow(cfs): 0.000          Init Stage(ft): 18.980
     Group: P07                                              Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07C05             Base Flow(cfs): 0.000          Init Stage(ft): 19.020
     Group: P07                                              Warn Stage(ft): 24.080
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07C10             Base Flow(cfs): 0.000          Init Stage(ft): 19.730
     Group: P07                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07D01             Base Flow(cfs): 0.000          Init Stage(ft): 21.580
     Group: P07                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07D05             Base Flow(cfs): 0.000          Init Stage(ft): 23.430
     Group: P07                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07D10             Base Flow(cfs): 0.000          Init Stage(ft): 25.290
     Group: P07                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07E01             Base Flow(cfs): 0.000          Init Stage(ft): 27.140
     Group: P07                                                Warn Stage(ft): 28.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07E05             Base Flow(cfs): 0.000          Init Stage(ft): 29.290
     Group: P07                                                Warn Stage(ft): 29.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07E07             Base Flow(cfs): 0.000          Init Stage(ft): 29.500
     Group: P07                                                Warn Stage(ft): 29.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP07E10             Base Flow(cfs): 0.000          Init Stage(ft): 29.500
     Group: P07                                                Warn Stage(ft): 29.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP08A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.200
     Group: P08                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08A03             Base Flow(cfs): 0.000          Init Stage(ft): 14.440
     Group: P08                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08A05             Base Flow(cfs): 0.000          Init Stage(ft): 15.520
     Group: P08                                                Warn Stage(ft): 22.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08A07             Base Flow(cfs): 0.000          Init Stage(ft): 15.610
     Group: P08                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08A11             Base Flow(cfs): 0.000          Init Stage(ft): 16.190
     Group: P08                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08A13             Base Flow(cfs): 0.000          Init Stage(ft): 16.210
     Group: P08                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08A17             Base Flow(cfs): 0.000          Init Stage(ft): 17.350
     Group: P08                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08A19             Base Flow(cfs): 0.000          Init Stage(ft): 17.850
     Group: P08                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08A21             Base Flow(cfs): 0.000          Init Stage(ft): 18.030
     Group: P08                                                Warn Stage(ft): 23.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08B01             Base Flow(cfs): 0.000          Init Stage(ft): 18.240
     Group: P08                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08B05             Base Flow(cfs): 0.000          Init Stage(ft): 18.240
     Group: P08                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08B07             Base Flow(cfs): 0.000          Init Stage(ft): 18.240
     Group: P08                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08B09             Base Flow(cfs): 0.000          Init Stage(ft): 18.240
     Group: P08                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08C01             Base Flow(cfs): 0.000          Init Stage(ft): 18.700
     Group: P08                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08C05             Base Flow(cfs): 0.000          Init Stage(ft): 19.200
     Group: P08                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08C10             Base Flow(cfs): 0.000          Init Stage(ft): 19.740
     Group: P08                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08D01             Base Flow(cfs): 0.000          Init Stage(ft): 20.630
     Group: P08                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP08D05             Base Flow(cfs): 0.000          Init Stage(ft): 21.520
     Group: P08                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08D10             Base Flow(cfs): 0.000          Init Stage(ft): 22.410
     Group: P08                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08E01             Base Flow(cfs): 0.000          Init Stage(ft): 23.300
     Group: P08                                                Warn Stage(ft): 27.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08E05             Base Flow(cfs): 0.000          Init Stage(ft): 24.190
     Group: P08                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP08E10             Base Flow(cfs): 0.000          Init Stage(ft): 24.920
     Group: P08                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09A01             Base Flow(cfs): 0.000          Init Stage(ft): 15.340
     Group: P09                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09A03             Base Flow(cfs): 0.000          Init Stage(ft): 15.340
     Group: P09                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09A07             Base Flow(cfs): 0.000          Init Stage(ft): 16.300
     Group: P09                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09A09             Base Flow(cfs): 0.000          Init Stage(ft): 16.300
     Group: P09                                                Warn Stage(ft): 22.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09A11             Base Flow(cfs): 0.000          Init Stage(ft): 16.810
     Group: P09                                              Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09A13             Base Flow(cfs): 0.000          Init Stage(ft): 16.810
     Group: P09                                              Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09A15             Base Flow(cfs): 0.000          Init Stage(ft): 17.220
     Group: P09                                              Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09A17             Base Flow(cfs): 0.000          Init Stage(ft): 17.350
     Group: P09                                              Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09A21             Base Flow(cfs): 0.000          Init Stage(ft): 17.790
     Group: P09                                              Warn Stage(ft): 22.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09A23             Base Flow(cfs): 0.000          Init Stage(ft): 18.000
     Group: P09                                              Warn Stage(ft): 22.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09A25             Base Flow(cfs): 0.000          Init Stage(ft): 18.060
     Group: P09                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09B01             Base Flow(cfs): 0.000          Init Stage(ft): 18.060
     Group: P09                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09B05             Base Flow(cfs): 0.000          Init Stage(ft): 18.060
     Group: P09                                              Warn Stage(ft): 24.080
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP09B07             Base Flow(cfs): 0.000          Init Stage(ft): 18.060
     Group: P09                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP09B09             Base Flow(cfs): 0.000          Init Stage(ft): 18.060
     Group: P09                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP09B11             Base Flow(cfs): 0.000          Init Stage(ft): 18.060
     Group: P09                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP09B13             Base Flow(cfs): 0.000          Init Stage(ft): 19.340
     Group: P09                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP09B15             Base Flow(cfs): 0.000          Init Stage(ft): 19.340
     Group: P09                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP09B17             Base Flow(cfs): 0.000          Init Stage(ft): 19.340
     Group: P09                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP09C01             Base Flow(cfs): 0.000          Init Stage(ft): 19.340
     Group: P09                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP09C03             Base Flow(cfs): 0.000          Init Stage(ft): 19.340
     Group: P09                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP09C05             Base Flow(cfs): 0.000          Init Stage(ft): 19.340
     Group: P09                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09C07             Base Flow(cfs): 0.000          Init Stage(ft): 19.340
     Group: P09                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09C13             Base Flow(cfs): 0.000          Init Stage(ft): 19.340
     Group: P09                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09D01             Base Flow(cfs): 0.000          Init Stage(ft): 19.750
     Group: P09                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09D05             Base Flow(cfs): 0.000          Init Stage(ft): 20.490
     Group: P09                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09D10             Base Flow(cfs): 0.000          Init Stage(ft): 21.240
     Group: P09                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09E01             Base Flow(cfs): 0.000          Init Stage(ft): 21.990
     Group: P09                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09E05             Base Flow(cfs): 0.000          Init Stage(ft): 22.730
     Group: P09                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP09E10             Base Flow(cfs): 0.000          Init Stage(ft): 23.340
     Group: P09                                                Warn Stage(ft): 26.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.080
     Group: P10                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10A03             Base Flow(cfs): 0.000          Init Stage(ft): 15.680
     Group: P10                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10A07             Base Flow(cfs): 0.000          Init Stage(ft): 15.790
     Group: P10                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10A13             Base Flow(cfs): 0.000          Init Stage(ft): 16.110
     Group: P10                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10A15             Base Flow(cfs): 0.000          Init Stage(ft): 17.530
     Group: P10                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10A17             Base Flow(cfs): 0.000          Init Stage(ft): 17.890
     Group: P10                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10B01             Base Flow(cfs): 0.000          Init Stage(ft): 18.510
     Group: P10                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10B03             Base Flow(cfs): 0.000          Init Stage(ft): 18.570
     Group: P10                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP10B05             Base Flow(cfs): 0.000          Init Stage(ft): 18.660
     Group: P10                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10B07             Base Flow(cfs): 0.000          Init Stage(ft): 18.660
     Group: P10                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10B09             Base Flow(cfs): 0.000          Init Stage(ft): 18.660
     Group: P10                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10B11             Base Flow(cfs): 0.000          Init Stage(ft): 18.660
     Group: P10                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10B13             Base Flow(cfs): 0.000          Init Stage(ft): 18.660
     Group: P10                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10B17             Base Flow(cfs): 0.000          Init Stage(ft): 19.650
     Group: P10                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10B19             Base Flow(cfs): 0.000          Init Stage(ft): 20.370
     Group: P10                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10C01             Base Flow(cfs): 0.000          Init Stage(ft): 20.370
     Group: P10                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10C03             Base Flow(cfs): 0.000          Init Stage(ft): 20.370
     Group: P10                                                Warn Stage(ft): 24.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP10C07             Base Flow(cfs): 0.000          Init Stage(ft): 20.370
     Group: P10                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP10C13             Base Flow(cfs): 0.000          Init Stage(ft): 20.620
     Group: P10                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP10C15             Base Flow(cfs): 0.000          Init Stage(ft): 20.770
     Group: P10                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP10D01             Base Flow(cfs): 0.000          Init Stage(ft): 20.830
     Group: P10                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP10D03             Base Flow(cfs): 0.000          Init Stage(ft): 20.830
     Group: P10                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP10D07             Base Flow(cfs): 0.000          Init Stage(ft): 20.830
     Group: P10                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP10D13             Base Flow(cfs): 0.000          Init Stage(ft): 20.830
     Group: P10                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP10E01             Base Flow(cfs): 0.000          Init Stage(ft): 20.830
     Group: P10                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP10E05             Base Flow(cfs): 0.000          Init Stage(ft): 20.830
     Group: P10                                                Warn Stage(ft): 27.080
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP10E10             Base Flow(cfs): 0.000          Init Stage(ft): 20.730
     Group: P10                                                Warn Stage(ft): 27.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11A01             Base Flow(cfs): 0.000          Init Stage(ft): 13.080
     Group: P11                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11A03             Base Flow(cfs): 0.000          Init Stage(ft): 14.310
     Group: P11                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11A05             Base Flow(cfs): 0.000          Init Stage(ft): 16.160
     Group: P11                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11A07             Base Flow(cfs): 0.000          Init Stage(ft): 16.280
     Group: P11                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11A10             Base Flow(cfs): 0.000          Init Stage(ft): 17.570
     Group: P11                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11A12             Base Flow(cfs): 0.000          Init Stage(ft): 17.840
     Group: P11                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11A15             Base Flow(cfs): 0.000          Init Stage(ft): 17.840
     Group: P11                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP11A17             Base Flow(cfs): 0.000          Init Stage(ft): 17.840
     Group: P11                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11B01             Base Flow(cfs): 0.000          Init Stage(ft): 18.630
     Group: P11                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11B03             Base Flow(cfs): 0.000          Init Stage(ft): 18.670
     Group: P11                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11B05             Base Flow(cfs): 0.000          Init Stage(ft): 18.670
     Group: P11                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11B07             Base Flow(cfs): 0.000          Init Stage(ft): 18.670
     Group: P11                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11B10             Base Flow(cfs): 0.000          Init Stage(ft): 18.670
     Group: P11                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11B12             Base Flow(cfs): 0.000          Init Stage(ft): 18.670
     Group: P11                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11B15             Base Flow(cfs): 0.000          Init Stage(ft): 19.220
     Group: P11                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11B17             Base Flow(cfs): 0.000          Init Stage(ft): 19.220
     Group: P11                                                Warn Stage(ft): 23.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11B20             Base Flow(cfs): 0.000          Init Stage(ft): 19.660
     Group: P11                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11C01             Base Flow(cfs): 0.000          Init Stage(ft): 20.090
     Group: P11                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11C05             Base Flow(cfs): 0.000          Init Stage(ft): 20.560
     Group: P11                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11C07             Base Flow(cfs): 0.000          Init Stage(ft): 20.610
     Group: P11                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11C10             Base Flow(cfs): 0.000          Init Stage(ft): 20.610
     Group: P11                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11C12             Base Flow(cfs): 0.000          Init Stage(ft): 20.610
     Group: P11                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11D01             Base Flow(cfs): 0.000          Init Stage(ft): 20.620
     Group: P11                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11D05             Base Flow(cfs): 0.000          Init Stage(ft): 21.450
     Group: P11                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP11D10             Base Flow(cfs): 0.000          Init Stage(ft): 22.290
     Group: P11                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11E01             Base Flow(cfs): 0.000          Init Stage(ft): 23.210
     Group: P11                                                Warn Stage(ft): 27.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11E05             Base Flow(cfs): 0.000          Init Stage(ft): 24.180
     Group: P11                                                Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP11E10             Base Flow(cfs): 0.000          Init Stage(ft): 24.640
     Group: P11                                                Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.080
     Group: P12                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12A03             Base Flow(cfs): 0.000          Init Stage(ft): 14.880
     Group: P12                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12A05             Base Flow(cfs): 0.000          Init Stage(ft): 15.050
     Group: P12                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12A09             Base Flow(cfs): 0.000          Init Stage(ft): 16.270
     Group: P12                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12A13             Base Flow(cfs): 0.000          Init Stage(ft): 17.450
     Group: P12                                                Warn Stage(ft): 23.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12A15             Base Flow(cfs): 0.000          Init Stage(ft): 17.600
     Group: P12                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12B01             Base Flow(cfs): 0.000          Init Stage(ft): 18.040
     Group: P12                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12B05             Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: P12                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12B07             Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: P12                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12B09             Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: P12                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12B13             Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: P12                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12B15             Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: P12                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12B17             Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: P12                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12C01             Base Flow(cfs): 0.000          Init Stage(ft): 18.090
     Group: P12                                                Warn Stage(ft): 24.580
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12C05             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P12                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12C10             Base Flow(cfs): 0.000          Init Stage(ft): 18.120
     Group: P12                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12C15             Base Flow(cfs): 0.000          Init Stage(ft): 18.630
     Group: P12                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12C17             Base Flow(cfs): 0.000          Init Stage(ft): 18.680
     Group: P12                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12D01             Base Flow(cfs): 0.000          Init Stage(ft): 18.680
     Group: P12                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12D05             Base Flow(cfs): 0.000          Init Stage(ft): 18.680
     Group: P12                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12D07             Base Flow(cfs): 0.000          Init Stage(ft): 18.680
     Group: P12                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12D13             Base Flow(cfs): 0.000          Init Stage(ft): 19.230
     Group: P12                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP12D15             Base Flow(cfs): 0.000          Init Stage(ft): 19.370
     Group: P12                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12D19             Base Flow(cfs): 0.000          Init Stage(ft): 21.430
     Group: P12                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12D21             Base Flow(cfs): 0.000          Init Stage(ft): 21.430
     Group: P12                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12E01             Base Flow(cfs): 0.000          Init Stage(ft): 22.180
     Group: P12                                                Warn Stage(ft): 26.830
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP12E05             Base Flow(cfs): 0.000          Init Stage(ft): 23.410
     Group: P12                                                Warn Stage(ft): 27.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aA01            Base Flow(cfs): 0.000          Init Stage(ft): 14.360
     Group: P13a                                               Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aA05            Base Flow(cfs): 0.000          Init Stage(ft): 16.440
     Group: P13a                                               Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aA07            Base Flow(cfs): 0.000          Init Stage(ft): 16.770
     Group: P13a                                               Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aA09            Base Flow(cfs): 0.000          Init Stage(ft): 17.150
     Group: P13a                                               Warn Stage(ft): 22.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aA11            Base Flow(cfs): 0.000          Init Stage(ft): 17.540
     Group: P13a                                               Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aA13            Base Flow(cfs): 0.000          Init Stage(ft): 17.540
     Group: P13a                                               Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aA15            Base Flow(cfs): 0.000          Init Stage(ft): 18.800
     Group: P13a                                               Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aA17            Base Flow(cfs): 0.000          Init Stage(ft): 18.800
     Group: P13a                                               Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aB01            Base Flow(cfs): 0.000          Init Stage(ft): 18.800
     Group: P13a                                               Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aB03            Base Flow(cfs): 0.000          Init Stage(ft): 18.800
     Group: P13a                                               Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aB07            Base Flow(cfs): 0.000          Init Stage(ft): 18.800
     Group: P13a                                               Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aB09            Base Flow(cfs): 0.000          Init Stage(ft): 18.800
     Group: P13a                                               Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP13aB11            Base Flow(cfs): 0.000          Init Stage(ft): 18.800
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aB13            Base Flow(cfs): 0.000          Init Stage(ft): 18.800
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aB15            Base Flow(cfs): 0.000          Init Stage(ft): 18.800
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aB17            Base Flow(cfs): 0.000          Init Stage(ft): 18.920
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aB19            Base Flow(cfs): 0.000          Init Stage(ft): 18.920
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aB21            Base Flow(cfs): 0.000          Init Stage(ft): 18.920
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aB23            Base Flow(cfs): 0.000          Init Stage(ft): 18.920
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aB25            Base Flow(cfs): 0.000          Init Stage(ft): 18.920
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aC01            Base Flow(cfs): 0.000          Init Stage(ft): 18.920
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aC05            Base Flow(cfs): 0.000          Init Stage(ft): 18.920
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aC07            Base Flow(cfs): 0.000          Init Stage(ft): 18.970
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13aD01            Base Flow(cfs): 0.000          Init Stage(ft): 18.970
     Group: P13a                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bA01            Base Flow(cfs): 0.000          Init Stage(ft): 13.300
     Group: P13b                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bA05            Base Flow(cfs): 0.000          Init Stage(ft): 14.900
     Group: P13b                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bA09            Base Flow(cfs): 0.000          Init Stage(ft): 16.500
     Group: P13b                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bA11            Base Flow(cfs): 0.000          Init Stage(ft): 17.270
     Group: P13b                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bB01            Base Flow(cfs): 0.000          Init Stage(ft): 17.270
     Group: P13b                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bB05            Base Flow(cfs): 0.000          Init Stage(ft): 17.270
     Group: P13b                                              Warn Stage(ft): 23.580
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bB07            Base Flow(cfs): 0.000          Init Stage(ft): 17.270
     Group: P13b                                               Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bB13            Base Flow(cfs): 0.000          Init Stage(ft): 17.290
     Group: P13b                                               Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bC01            Base Flow(cfs): 0.000          Init Stage(ft): 17.290
     Group: P13b                                               Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bC05            Base Flow(cfs): 0.000          Init Stage(ft): 18.580
     Group: P13b                                               Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bC07            Base Flow(cfs): 0.000          Init Stage(ft): 18.790
     Group: P13b                                               Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bC13            Base Flow(cfs): 0.000          Init Stage(ft): 19.570
     Group: P13b                                               Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bD01            Base Flow(cfs): 0.000          Init Stage(ft): 20.340
     Group: P13b                                               Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bD05            Base Flow(cfs): 0.000          Init Stage(ft): 21.120
     Group: P13b                                               Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP13bD10            Base Flow(cfs): 0.000          Init Stage(ft): 21.990
     Group: P13b                                               Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP13bE01            Base Flow(cfs): 0.000          Init Stage(ft): 22.380
     Group: P13b                                               Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A01             Base Flow(cfs): 0.000          Init Stage(ft): 13.080
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A05             Base Flow(cfs): 0.000          Init Stage(ft): 16.660
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A07             Base Flow(cfs): 0.000          Init Stage(ft): 16.660
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A09             Base Flow(cfs): 0.000          Init Stage(ft): 16.860
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A11             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A13             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A15             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A17             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A19             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A21             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A23             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A25             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A27             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14A29             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B01             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP14B03             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B05             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B07             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B09             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B11             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B13             Base Flow(cfs): 0.000          Init Stage(ft): 18.150
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B15             Base Flow(cfs): 0.000          Init Stage(ft): 18.150
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B17             Base Flow(cfs): 0.000          Init Stage(ft): 18.190
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B19             Base Flow(cfs): 0.000          Init Stage(ft): 18.200
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B21             Base Flow(cfs): 0.000          Init Stage(ft): 18.660
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B23             Base Flow(cfs): 0.000          Init Stage(ft): 18.660
     Group: P14                  Plunge Factor: 1.00           Warn Stage(ft): 23.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B25             Base Flow(cfs): 0.000          Init Stage(ft): 18.760
     Group: P14                  Plunge Factor: 1.00           Warn Stage(ft): 23.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B27             Base Flow(cfs): 0.000          Init Stage(ft): 18.760
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B31             Base Flow(cfs): 0.000          Init Stage(ft): 18.760
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B33             Base Flow(cfs): 0.000          Init Stage(ft): 18.760
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B35             Base Flow(cfs): 0.000          Init Stage(ft): 18.790
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B37             Base Flow(cfs): 0.000          Init Stage(ft): 18.790
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B39             Base Flow(cfs): 0.000          Init Stage(ft): 18.810
     Group: P14                                                Warn Stage(ft): 23.580
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B41             Base Flow(cfs): 0.000          Init Stage(ft): 18.810
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B43             Base Flow(cfs): 0.000          Init Stage(ft): 19.520
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14B45             Base Flow(cfs): 0.000          Init Stage(ft): 19.520
     Group: P14                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C01             Base Flow(cfs): 0.000          Init Stage(ft): 19.520
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C03             Base Flow(cfs): 0.000          Init Stage(ft): 19.520
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C05             Base Flow(cfs): 0.000          Init Stage(ft): 19.530
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C07             Base Flow(cfs): 0.000          Init Stage(ft): 19.530
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C09             Base Flow(cfs): 0.000          Init Stage(ft): 19.530
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP14C11             Base Flow(cfs): 0.000          Init Stage(ft): 19.530
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C13             Base Flow(cfs): 0.000          Init Stage(ft): 19.530
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C15             Base Flow(cfs): 0.000          Init Stage(ft): 19.530
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C17             Base Flow(cfs): 0.000          Init Stage(ft): 19.530
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C19             Base Flow(cfs): 0.000          Init Stage(ft): 19.660
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C21             Base Flow(cfs): 0.000          Init Stage(ft): 19.660
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C23             Base Flow(cfs): 0.000          Init Stage(ft): 19.880
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C24             Base Flow(cfs): 0.000          Init Stage(ft): 20.080
     Group: P14                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C25             Base Flow(cfs): 0.000          Init Stage(ft): 19.880
     Group: P13b                                               Warn Stage(ft): 24.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14C27             Base Flow(cfs): 0.000          Init Stage(ft): 19.880
     Group: P13b                                               Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14D01             Base Flow(cfs): 0.000          Init Stage(ft): 20.040
     Group: P13b                                               Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14D05             Base Flow(cfs): 0.000          Init Stage(ft): 20.040
     Group: P13b                                               Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14D07             Base Flow(cfs): 0.000          Init Stage(ft): 20.040
     Group: P13b                                               Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14D09             Base Flow(cfs): 0.000          Init Stage(ft): 20.040
     Group: P13b                                               Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14D13             Base Flow(cfs): 0.000          Init Stage(ft): 20.040
     Group: P13b                                               Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14D19             Base Flow(cfs): 0.000          Init Stage(ft): 20.040
     Group: P13b                                               Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14D21             Base Flow(cfs): 0.000          Init Stage(ft): 20.040
     Group: P13b                                               Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP14E01             Base Flow(cfs): 0.000          Init Stage(ft): 20.040
     Group: P13b                                               Warn Stage(ft): 29.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14E03             Base Flow(cfs): 0.000          Init Stage(ft): 21.080
     Group: P13b                                               Warn Stage(ft): 29.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14E05             Base Flow(cfs): 0.000          Init Stage(ft): 21.580
     Group: P13b                                               Warn Stage(ft): 29.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP14NBP             Base Flow(cfs): 0.000          Init Stage(ft): 19.550
     Group: P13b                                               Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.800
     Group: P15                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15A05             Base Flow(cfs): 0.000          Init Stage(ft): 15.570
     Group: P15                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15A10             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15A13             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15A15             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                                                Warn Stage(ft): 23.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15A17             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15A19             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15B01             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15B03             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15B05             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15B07             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                  Plunge Factor: 1.00           Warn Stage(ft): 24.080
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15B09             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                  Plunge Factor: 1.00           Warn Stage(ft): 24.080
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15B11             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                  Plunge Factor: 1.00           Warn Stage(ft): 24.080
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15B13             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                  Plunge Factor: 1.00           Warn Stage(ft): 24.080
```

```
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15B15             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                  Plunge Factor: 1.00           Warn Stage(ft): 24.080
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15C01             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                  Plunge Factor: 1.00           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15C03             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                  Plunge Factor: 1.00           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15C05             Base Flow(cfs): 0.000          Init Stage(ft): 16.600
     Group: P15                  Plunge Factor: 1.00           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15C07             Base Flow(cfs): 0.000          Init Stage(ft): 17.080
     Group: P15                  Plunge Factor: 1.00           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15C09             Base Flow(cfs): 0.000          Init Stage(ft): 17.180
     Group: P15                  Plunge Factor: 1.00           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15C11             Base Flow(cfs): 0.000          Init Stage(ft): 17.280
     Group: P15                  Plunge Factor: 1.00           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15D01             Base Flow(cfs): 0.000          Init Stage(ft): 20.080
     Group: P13b                                             Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP15D05             Base Flow(cfs): 0.000          Init Stage(ft): 20.080
     Group: P13b                                               Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15D07             Base Flow(cfs): 0.000          Init Stage(ft): 20.080
     Group: P13b                                               Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15D09             Base Flow(cfs): 0.000          Init Stage(ft): 20.080
     Group: P13b                                               Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15E01             Base Flow(cfs): 0.000          Init Stage(ft): 20.810
     Group: P13b                                               Warn Stage(ft): 28.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15E05             Base Flow(cfs): 0.000          Init Stage(ft): 20.810
     Group: P13b                                               Warn Stage(ft): 28.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15E10             Base Flow(cfs): 0.000          Init Stage(ft): 20.810
     Group: P13b                                               Warn Stage(ft): 28.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15E15             Base Flow(cfs): 0.000          Init Stage(ft): 21.580
     Group: P13b                                               Warn Stage(ft): 28.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15NBPA            Base Flow(cfs): 0.000          Init Stage(ft): 18.990
     Group: P13b                                               Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15NBPB            Base Flow(cfs): 0.000          Init Stage(ft): 19.450
     Group: P13b                                               Warn Stage(ft): 24.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP15NBPC            Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: P13b                                               Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.080
     Group: P16                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         14.000          0.0000
         15.000          0.5000
         17.000          1.0000
         19.000          2.0000
         20.000          4.0000
         21.000          5.0000
         22.000          6.0000
         23.000         15.0000
         24.000         20.0000
         26.000        212.0000

-------------------------------------------------------------------------------------------
      Name: NP16A03             Base Flow(cfs): 0.000          Init Stage(ft): 15.010
     Group: P16                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16A05             Base Flow(cfs): 0.000          Init Stage(ft): 15.150
     Group: P16                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16A07             Base Flow(cfs): 0.000          Init Stage(ft): 16.780
     Group: P16                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16A09             Base Flow(cfs): 0.000          Init Stage(ft): 17.380
     Group: P16                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16A11             Base Flow(cfs): 0.000          Init Stage(ft): 17.470
     Group: P16                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP16A12             Base Flow(cfs): 0.000          Init Stage(ft): 17.470
     Group: P16                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16A13             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16A15             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16A17             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B01             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B03             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B05             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B07             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B09             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B11             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B13             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B15             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B17             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B19             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B21             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B23             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B25             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16B27             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C01             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C03             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C05             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C07             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C09             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C11             Base Flow(cfs): 0.000          Init Stage(ft): 18.110
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C13             Base Flow(cfs): 0.000          Init Stage(ft): 18.570
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C15             Base Flow(cfs): 0.000          Init Stage(ft): 18.860
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP16C17             Base Flow(cfs): 0.000          Init Stage(ft): 18.860
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C19             Base Flow(cfs): 0.000          Init Stage(ft): 18.860
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C21             Base Flow(cfs): 0.000          Init Stage(ft): 18.860
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C23             Base Flow(cfs): 0.000          Init Stage(ft): 18.860
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C25             Base Flow(cfs): 0.000          Init Stage(ft): 18.860
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C27             Base Flow(cfs): 0.000          Init Stage(ft): 18.860
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C29             Base Flow(cfs): 0.000          Init Stage(ft): 19.760
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16C31             Base Flow(cfs): 0.000          Init Stage(ft): 19.830
     Group: P16                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D01             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D05             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D07             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D09             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D11             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D13             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D15             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D17             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D19             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP16D21             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D23             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D25             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16D27             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16E01             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16E03             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16E05             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16E09             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16E11             Base Flow(cfs): 0.000          Init Stage(ft): 20.360
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16E13             Base Flow(cfs): 0.000          Init Stage(ft): 19.680
     Group: P18                                              Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP16SBPA            Base Flow(cfs): 0.000          Init Stage(ft): 18.740
     Group: P18                                              Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.080
     Group: P17                                              Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17A05             Base Flow(cfs): 0.000          Init Stage(ft): 15.940
     Group: P17                                              Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17A09             Base Flow(cfs): 0.000          Init Stage(ft): 17.050
     Group: P17                                              Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17A11             Base Flow(cfs): 0.000          Init Stage(ft): 17.170
     Group: P17                                              Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17A13             Base Flow(cfs): 0.000          Init Stage(ft): 17.170
     Group: P17                                              Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17A15             Base Flow(cfs): 0.000          Init Stage(ft): 17.470
     Group: P17                                              Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B01             Base Flow(cfs): 0.000          Init Stage(ft): 17.630
     Group: P17                                              Warn Stage(ft): 24.580
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B03             Base Flow(cfs): 0.000          Init Stage(ft): 17.780
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B05             Base Flow(cfs): 0.000          Init Stage(ft): 18.640
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B07             Base Flow(cfs): 0.000          Init Stage(ft): 18.650
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B09             Base Flow(cfs): 0.000          Init Stage(ft): 18.650
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B11             Base Flow(cfs): 0.000          Init Stage(ft): 18.650
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B13             Base Flow(cfs): 0.000          Init Stage(ft): 18.650
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B15             Base Flow(cfs): 0.000          Init Stage(ft): 18.650
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B17             Base Flow(cfs): 0.000          Init Stage(ft): 18.650
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP17B19             Base Flow(cfs): 0.000          Init Stage(ft): 18.760
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B21             Base Flow(cfs): 0.000          Init Stage(ft): 18.760
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B23             Base Flow(cfs): 0.000          Init Stage(ft): 18.760
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B25             Base Flow(cfs): 0.000          Init Stage(ft): 18.760
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B27             Base Flow(cfs): 0.000          Init Stage(ft): 18.770
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B29             Base Flow(cfs): 0.000          Init Stage(ft): 18.770
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17B31             Base Flow(cfs): 0.000          Init Stage(ft): 18.770
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C01             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C03             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C05             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C07             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C09             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C11             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C11A            Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C12             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C13             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C15             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP17C17             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C19             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P17                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17C21             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17D01             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17D03             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17D05             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17D07             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17D09             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17D11             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                                Warn Stage(ft): 26.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17D13             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                              Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17D15             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                              Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17D17             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                              Warn Stage(ft): 26.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17D19             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                              Warn Stage(ft): 26.330
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17E01             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                              Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17E03             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                              Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17E07             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                              Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17E09             Base Flow(cfs): 0.000          Init Stage(ft): 20.280
     Group: P18                                              Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17E11             Base Flow(cfs): 0.000          Init Stage(ft): 20.660
     Group: P18                                              Warn Stage(ft): 28.080
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17E13             Base Flow(cfs): 0.000          Init Stage(ft): 21.080
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17SBP             Base Flow(cfs): 0.000          Init Stage(ft): 18.880
     Group: P18                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP17SBPA            Base Flow(cfs): 0.000          Init Stage(ft): 16.990
     Group: P18                                                Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.080
     Group: P18                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         15.000          0.0000
         16.000          0.5000
         17.000          2.5000
         20.000         10.0000
         21.000         12.0000
         22.000         15.0000
         23.000         50.0000
         24.000        100.0000
         25.000        250.0000
         26.000        757.0000

-------------------------------------------------------------------------------------------
      Name: NP18A05             Base Flow(cfs): 0.000          Init Stage(ft): 14.470
     Group: P18                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18A10             Base Flow(cfs): 0.000          Init Stage(ft): 15.630
     Group: P18                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18B01             Base Flow(cfs): 0.000          Init Stage(ft): 16.310
     Group: P18                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP18B05             Base Flow(cfs): 0.000          Init Stage(ft): 16.390
     Group: P18                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18B07             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18B09             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18B11             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18C01             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18C03             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18C05             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18C07             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18C09             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 23.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18C11             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18C13             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18C15             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18D01             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18D05             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18D10             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18D13             Base Flow(cfs): 0.000          Init Stage(ft): 18.690
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18D15             Base Flow(cfs): 0.000          Init Stage(ft): 19.060
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP18D17             Base Flow(cfs): 0.000          Init Stage(ft): 19.060
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18D19             Base Flow(cfs): 0.000          Init Stage(ft): 19.060
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18E01             Base Flow(cfs): 0.000          Init Stage(ft): 19.060
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18E03             Base Flow(cfs): 0.000          Init Stage(ft): 19.060
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18E05             Base Flow(cfs): 0.000          Init Stage(ft): 19.230
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18E09             Base Flow(cfs): 0.000          Init Stage(ft): 21.120
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP18E11             Base Flow(cfs): 0.000          Init Stage(ft): 21.870
     Group: P18                                                Warn Stage(ft): 28.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.080
     Group: P19                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19A03             Base Flow(cfs): 0.000          Init Stage(ft): 14.790
     Group: P19                                                Warn Stage(ft): 23.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP19A05             Base Flow(cfs): 0.000          Init Stage(ft): 14.840
     Group: P19                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP19A07             Base Flow(cfs): 0.000          Init Stage(ft): 15.790
     Group: P19                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP19A09             Base Flow(cfs): 0.000          Init Stage(ft): 16.110
     Group: P19                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP19A11             Base Flow(cfs): 0.000          Init Stage(ft): 16.110
     Group: P19                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP19A13             Base Flow(cfs): 0.000          Init Stage(ft): 16.190
     Group: P19                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP19A15             Base Flow(cfs): 0.000          Init Stage(ft): 16.190
     Group: P19                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP19B01             Base Flow(cfs): 0.000          Init Stage(ft): 16.190
     Group: P19                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP19B03             Base Flow(cfs): 0.000          Init Stage(ft): 16.590
     Group: P19                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP19B05             Base Flow(cfs): 0.000          Init Stage(ft): 16.590
     Group: P19                                                Warn Stage(ft): 23.580
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19B07             Base Flow(cfs): 0.000          Init Stage(ft): 16.590
     Group: P19                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19B09             Base Flow(cfs): 0.000          Init Stage(ft): 16.590
     Group: P19                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19B11             Base Flow(cfs): 0.000          Init Stage(ft): 17.190
     Group: P19                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19B13             Base Flow(cfs): 0.000          Init Stage(ft): 17.190
     Group: P19                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19C01             Base Flow(cfs): 0.000          Init Stage(ft): 17.190
     Group: P19                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19C05             Base Flow(cfs): 0.000          Init Stage(ft): 17.190
     Group: P19                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19C07             Base Flow(cfs): 0.000          Init Stage(ft): 18.150
     Group: P19                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19C09             Base Flow(cfs): 0.000          Init Stage(ft): 18.150
     Group: P19                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP19C11             Base Flow(cfs): 0.000          Init Stage(ft): 18.150
     Group: P19                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19C13             Base Flow(cfs): 0.000          Init Stage(ft): 18.150
     Group: P19                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19C15             Base Flow(cfs): 0.000          Init Stage(ft): 18.280
     Group: P19                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19C17             Base Flow(cfs): 0.000          Init Stage(ft): 18.280
     Group: P19                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19D01             Base Flow(cfs): 0.000          Init Stage(ft): 18.280
     Group: P19                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19D03             Base Flow(cfs): 0.000          Init Stage(ft): 18.480
     Group: P19                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19D05             Base Flow(cfs): 0.000          Init Stage(ft): 18.480
     Group: P19                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19D07             Base Flow(cfs): 0.000          Init Stage(ft): 18.480
     Group: P19                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19D09             Base Flow(cfs): 0.000          Init Stage(ft): 18.480
     Group: P19                                                Warn Stage(ft): 26.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19D11             Base Flow(cfs): 0.000          Init Stage(ft): 18.480
     Group: P19                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19D13             Base Flow(cfs): 0.000          Init Stage(ft): 18.480
     Group: P19                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19D15             Base Flow(cfs): 0.000          Init Stage(ft): 18.480
     Group: P19                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19E01             Base Flow(cfs): 0.000          Init Stage(ft): 18.480
     Group: P19                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19E05             Base Flow(cfs): 0.000          Init Stage(ft): 18.480
     Group: P19                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP19E07             Base Flow(cfs): 0.000          Init Stage(ft): 18.480
     Group: P19                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.080
     Group: P20                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20A03             Base Flow(cfs): 0.000          Init Stage(ft): 14.130
     Group: P20                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP20A05             Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: P20                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20A07             Base Flow(cfs): 0.000          Init Stage(ft): 15.640
     Group: P20                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20A09             Base Flow(cfs): 0.000          Init Stage(ft): 15.760
     Group: P20                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20A11             Base Flow(cfs): 0.000          Init Stage(ft): 16.480
     Group: P20                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20A13             Base Flow(cfs): 0.000          Init Stage(ft): 16.730
     Group: P20                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20A15             Base Flow(cfs): 0.000          Init Stage(ft): 16.730
     Group: P20                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20A17             Base Flow(cfs): 0.000          Init Stage(ft): 16.730
     Group: P20                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20B01             Base Flow(cfs): 0.000          Init Stage(ft): 16.730
     Group: P20                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20B03             Base Flow(cfs): 0.000          Init Stage(ft): 16.730
     Group: P20                                                Warn Stage(ft): 23.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20B05             Base Flow(cfs): 0.000          Init Stage(ft): 16.730
     Group: P20                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20B07             Base Flow(cfs): 0.000          Init Stage(ft): 16.730
     Group: P20                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20B09             Base Flow(cfs): 0.000          Init Stage(ft): 16.730
     Group: P20                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20B11             Base Flow(cfs): 0.000          Init Stage(ft): 16.960
     Group: P20                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20B13             Base Flow(cfs): 0.000          Init Stage(ft): 16.960
     Group: P20                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20B15             Base Flow(cfs): 0.000          Init Stage(ft): 17.510
     Group: P20                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20B17             Base Flow(cfs): 0.000          Init Stage(ft): 17.510
     Group: P20                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20C01             Base Flow(cfs): 0.000          Init Stage(ft): 17.510
     Group: P20                                              Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20C03             Base Flow(cfs): 0.000          Init Stage(ft): 17.510
     Group: P20                                              Warn Stage(ft): 23.080
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20C05             Base Flow(cfs): 0.000          Init Stage(ft): 17.510
     Group: P20                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20C07             Base Flow(cfs): 0.000          Init Stage(ft): 18.240
     Group: P20                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20C09             Base Flow(cfs): 0.000          Init Stage(ft): 18.240
     Group: P20                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20C11             Base Flow(cfs): 0.000          Init Stage(ft): 18.410
     Group: P20                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20C13             Base Flow(cfs): 0.000          Init Stage(ft): 18.410
     Group: P20                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20C15             Base Flow(cfs): 0.000          Init Stage(ft): 18.410
     Group: P20                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20C17             Base Flow(cfs): 0.000          Init Stage(ft): 18.410
     Group: P20                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20C19             Base Flow(cfs): 0.000          Init Stage(ft): 18.410
     Group: P20                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP20C21             Base Flow(cfs): 0.000          Init Stage(ft): 18.410
     Group: P20                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20D01             Base Flow(cfs): 0.000          Init Stage(ft): 18.410
     Group: P20                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20D03             Base Flow(cfs): 0.000          Init Stage(ft): 19.040
     Group: P20                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20D05             Base Flow(cfs): 0.000          Init Stage(ft): 19.040
     Group: P20                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20D07             Base Flow(cfs): 0.000          Init Stage(ft): 19.040
     Group: P20                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20D09             Base Flow(cfs): 0.000          Init Stage(ft): 19.040
     Group: P20                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20D11             Base Flow(cfs): 0.000          Init Stage(ft): 19.040
     Group: P20                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20E01             Base Flow(cfs): 0.000          Init Stage(ft): 19.170
     Group: P20                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20E03             Base Flow(cfs): 0.000          Init Stage(ft): 20.080
     Group: P20                                                Warn Stage(ft): 25.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20E05             Base Flow(cfs): 0.000          Init Stage(ft): 20.430
     Group: P20                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP20E07             Base Flow(cfs): 0.000          Init Stage(ft): 20.430
     Group: P20                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.080
     Group: P21                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21A03             Base Flow(cfs): 0.000          Init Stage(ft): 15.780
     Group: P21                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21A05             Base Flow(cfs): 0.000          Init Stage(ft): 15.780
     Group: P21                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21A07             Base Flow(cfs): 0.000          Init Stage(ft): 16.340
     Group: P21                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21A09             Base Flow(cfs): 0.000          Init Stage(ft): 16.770
     Group: P21                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21A11             Base Flow(cfs): 0.000          Init Stage(ft): 16.950
     Group: P21                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP21A13             Base Flow(cfs): 0.000          Init Stage(ft): 17.170
     Group: P21                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21A15             Base Flow(cfs): 0.000          Init Stage(ft): 17.170
     Group: P21                                                Warn Stage(ft): 23.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21B01             Base Flow(cfs): 0.000          Init Stage(ft): 17.170
     Group: P21                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21B03             Base Flow(cfs): 0.000          Init Stage(ft): 17.170
     Group: P21                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21B05             Base Flow(cfs): 0.000          Init Stage(ft): 17.350
     Group: P21                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21B07             Base Flow(cfs): 0.000          Init Stage(ft): 17.350
     Group: P21                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21B09             Base Flow(cfs): 0.000          Init Stage(ft): 17.350
     Group: P21                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21B11             Base Flow(cfs): 0.000          Init Stage(ft): 17.350
     Group: P21                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21B13             Base Flow(cfs): 0.000          Init Stage(ft): 17.350
     Group: P21                                                Warn Stage(ft): 23.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP21B15             Base Flow(cfs): 0.000          Init Stage(ft): 17.920
     Group: P21                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP21B17             Base Flow(cfs): 0.000          Init Stage(ft): 17.920
     Group: P21                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP21C01             Base Flow(cfs): 0.000          Init Stage(ft): 17.920
     Group: P21                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP21C03             Base Flow(cfs): 0.000          Init Stage(ft): 17.920
     Group: P21                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP21C05             Base Flow(cfs): 0.000          Init Stage(ft): 17.920
     Group: P21                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP21C07             Base Flow(cfs): 0.000          Init Stage(ft): 18.260
     Group: P21                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP21C09             Base Flow(cfs): 0.000          Init Stage(ft): 18.260
     Group: P21                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP21C11             Base Flow(cfs): 0.000          Init Stage(ft): 18.980
     Group: P21                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NP21C13             Base Flow(cfs): 0.000          Init Stage(ft): 18.980
     Group: P21                                                Warn Stage(ft): 22.580
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21C15             Base Flow(cfs): 0.000          Init Stage(ft): 18.980
     Group: P21                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21C17             Base Flow(cfs): 0.000          Init Stage(ft): 19.360
     Group: P21                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21C19             Base Flow(cfs): 0.000          Init Stage(ft): 19.360
     Group: P21                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21C21             Base Flow(cfs): 0.000          Init Stage(ft): 19.360
     Group: P21                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21D01             Base Flow(cfs): 0.000          Init Stage(ft): 19.360
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21D03             Base Flow(cfs): 0.000          Init Stage(ft): 19.360
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21D05             Base Flow(cfs): 0.000          Init Stage(ft): 19.360
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21D07             Base Flow(cfs): 0.000          Init Stage(ft): 19.360
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP21D09             Base Flow(cfs): 0.000          Init Stage(ft): 19.360
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21D11             Base Flow(cfs): 0.000          Init Stage(ft): 19.360
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21D13             Base Flow(cfs): 0.000          Init Stage(ft): 19.360
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21D15             Base Flow(cfs): 0.000          Init Stage(ft): 19.600
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21D17             Base Flow(cfs): 0.000          Init Stage(ft): 19.790
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21D19             Base Flow(cfs): 0.000          Init Stage(ft): 19.810
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21D21             Base Flow(cfs): 0.000          Init Stage(ft): 19.810
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21D23             Base Flow(cfs): 0.000          Init Stage(ft): 19.810
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21E01             Base Flow(cfs): 0.000          Init Stage(ft): 19.810
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21E03             Base Flow(cfs): 0.000          Init Stage(ft): 19.810
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21E05             Base Flow(cfs): 0.000          Init Stage(ft): 19.810
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21E07             Base Flow(cfs): 0.000          Init Stage(ft): 19.810
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21E09             Base Flow(cfs): 0.000          Init Stage(ft): 19.810
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21E11             Base Flow(cfs): 0.000          Init Stage(ft): 21.410
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21E13             Base Flow(cfs): 0.000          Init Stage(ft): 21.780
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21E15             Base Flow(cfs): 0.000          Init Stage(ft): 20.930
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP21E17             Base Flow(cfs): 0.000          Init Stage(ft): 20.930
     Group: P21                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP22A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.080
     Group: P22                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22A03             Base Flow(cfs): 0.000          Init Stage(ft): 16.140
     Group: P22                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22A05             Base Flow(cfs): 0.000          Init Stage(ft): 16.620
     Group: P22                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22A07             Base Flow(cfs): 0.000          Init Stage(ft): 16.620
     Group: P22                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22A09             Base Flow(cfs): 0.000          Init Stage(ft): 16.620
     Group: P22                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22A11             Base Flow(cfs): 0.000          Init Stage(ft): 17.020
     Group: P22                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22A13             Base Flow(cfs): 0.000          Init Stage(ft): 17.020
     Group: P22                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22A15             Base Flow(cfs): 0.000          Init Stage(ft): 17.020
     Group: P22                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22A17             Base Flow(cfs): 0.000          Init Stage(ft): 17.020
     Group: P22                                                Warn Stage(ft): 22.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22B01             Base Flow(cfs): 0.000          Init Stage(ft): 17.020
     Group: P22                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22B03             Base Flow(cfs): 0.000          Init Stage(ft): 17.020
     Group: P22                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22B05             Base Flow(cfs): 0.000          Init Stage(ft): 17.020
     Group: P22                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22B07             Base Flow(cfs): 0.000          Init Stage(ft): 17.020
     Group: P22                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22B09             Base Flow(cfs): 0.000          Init Stage(ft): 17.670
     Group: P22                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22B11             Base Flow(cfs): 0.000          Init Stage(ft): 17.670
     Group: P22                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22B13             Base Flow(cfs): 0.000          Init Stage(ft): 17.670
     Group: P22                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22B15             Base Flow(cfs): 0.000          Init Stage(ft): 17.670
     Group: P22                                              Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22C01             Base Flow(cfs): 0.000          Init Stage(ft): 17.670
     Group: P22                                              Warn Stage(ft): 22.080
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP22C03             Base Flow(cfs): 0.000          Init Stage(ft): 17.670
     Group: P22                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP22C05             Base Flow(cfs): 0.000          Init Stage(ft): 17.670
     Group: P22                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP22C07             Base Flow(cfs): 0.000          Init Stage(ft): 17.760
     Group: P22                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP22C09             Base Flow(cfs): 0.000          Init Stage(ft): 17.760
     Group: P22                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP22C11             Base Flow(cfs): 0.000          Init Stage(ft): 18.240
     Group: P22                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP22C13             Base Flow(cfs): 0.000          Init Stage(ft): 18.240
     Group: P22                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP22C15             Base Flow(cfs): 0.000          Init Stage(ft): 18.240
     Group: P22                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NP22C17             Base Flow(cfs): 0.000          Init Stage(ft): 18.240
     Group: P22                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP22C19             Base Flow(cfs): 0.000          Init Stage(ft): 18.240
     Group: P22                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22C21             Base Flow(cfs): 0.000          Init Stage(ft): 18.380
     Group: P22                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22D01             Base Flow(cfs): 0.000          Init Stage(ft): 18.700
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22D03             Base Flow(cfs): 0.000          Init Stage(ft): 19.320
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22D05             Base Flow(cfs): 0.000          Init Stage(ft): 19.320
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22D07             Base Flow(cfs): 0.000          Init Stage(ft): 19.320
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22D09             Base Flow(cfs): 0.000          Init Stage(ft): 19.320
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22D11             Base Flow(cfs): 0.000          Init Stage(ft): 19.320
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22D13             Base Flow(cfs): 0.000          Init Stage(ft): 19.320
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22D15             Base Flow(cfs): 0.000          Init Stage(ft): 19.320
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22D17             Base Flow(cfs): 0.000          Init Stage(ft): 19.320
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22E01             Base Flow(cfs): 0.000          Init Stage(ft): 19.470
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22E03             Base Flow(cfs): 0.000          Init Stage(ft): 19.540
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22E05             Base Flow(cfs): 0.000          Init Stage(ft): 19.770
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22E07             Base Flow(cfs): 0.000          Init Stage(ft): 19.840
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22E09             Base Flow(cfs): 0.000          Init Stage(ft): 18.780
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP22E11             Base Flow(cfs): 0.000          Init Stage(ft): 18.580
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP22E13             Base Flow(cfs): 0.000          Init Stage(ft): 18.580
     Group: P22                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.330
     Group: P23                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23A03             Base Flow(cfs): 0.000          Init Stage(ft): 17.610
     Group: P23                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23A05             Base Flow(cfs): 0.000          Init Stage(ft): 17.750
     Group: P23                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23A10             Base Flow(cfs): 0.000          Init Stage(ft): 17.750
     Group: P23                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23B01             Base Flow(cfs): 0.000          Init Stage(ft): 17.750
     Group: P23                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23B05             Base Flow(cfs): 0.000          Init Stage(ft): 17.750
     Group: P23                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23B10             Base Flow(cfs): 0.000          Init Stage(ft): 17.750
     Group: P23                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23C01             Base Flow(cfs): 0.000          Init Stage(ft): 17.750
     Group: P23                                                Warn Stage(ft): 20.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23C05             Base Flow(cfs): 0.000          Init Stage(ft): 17.750
     Group: P23                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23C07             Base Flow(cfs): 0.000          Init Stage(ft): 18.570
     Group: P23                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23C09             Base Flow(cfs): 0.000          Init Stage(ft): 19.120
     Group: P23                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23C11             Base Flow(cfs): 0.000          Init Stage(ft): 19.120
     Group: P23                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23C13             Base Flow(cfs): 0.000          Init Stage(ft): 19.120
     Group: P23                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23C15             Base Flow(cfs): 0.000          Init Stage(ft): 19.120
     Group: P23                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23C17             Base Flow(cfs): 0.000          Init Stage(ft): 19.120
     Group: P23                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23D01             Base Flow(cfs): 0.000          Init Stage(ft): 19.120
     Group: P23                                              Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23D03             Base Flow(cfs): 0.000          Init Stage(ft): 19.120
     Group: P23                                              Warn Stage(ft): 23.580
```

```
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23D05             Base Flow(cfs): 0.000          Init Stage(ft): 19.120
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23D07             Base Flow(cfs): 0.000          Init Stage(ft): 19.120
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23D09             Base Flow(cfs): 0.000          Init Stage(ft): 19.390
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23D11             Base Flow(cfs): 0.000          Init Stage(ft): 19.610
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23D13             Base Flow(cfs): 0.000          Init Stage(ft): 19.610
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23D15             Base Flow(cfs): 0.000          Init Stage(ft): 19.690
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23D17             Base Flow(cfs): 0.000          Init Stage(ft): 19.780
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23D19             Base Flow(cfs): 0.000          Init Stage(ft): 19.410
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NP23E01             Base Flow(cfs): 0.000          Init Stage(ft): 19.410
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23E03             Base Flow(cfs): 0.000          Init Stage(ft): 19.410
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23E05             Base Flow(cfs): 0.000          Init Stage(ft): 19.410
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23E07             Base Flow(cfs): 0.000          Init Stage(ft): 19.410
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23E09             Base Flow(cfs): 0.000          Init Stage(ft): 19.410
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP23E11             Base Flow(cfs): 0.000          Init Stage(ft): 19.410
     Group: P23                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24A01             Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: P24                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24A05             Base Flow(cfs): 0.000          Init Stage(ft): 15.520
     Group: P24                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24A10             Base Flow(cfs): 0.000          Init Stage(ft): 15.760
     Group: P24                                                Warn Stage(ft): 22.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24B01             Base Flow(cfs): 0.000          Init Stage(ft): 15.990
     Group: P24                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24B05             Base Flow(cfs): 0.000          Init Stage(ft): 16.230
     Group: P24                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24B10             Base Flow(cfs): 0.000          Init Stage(ft): 16.660
     Group: P24                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24C01             Base Flow(cfs): 0.000          Init Stage(ft): 17.190
     Group: P24                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24C05             Base Flow(cfs): 0.000          Init Stage(ft): 17.720
     Group: P24                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24C07             Base Flow(cfs): 0.000          Init Stage(ft): 17.980
     Group: P24                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24C09             Base Flow(cfs): 0.000          Init Stage(ft): 18.330
     Group: P24                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24D01             Base Flow(cfs): 0.000          Init Stage(ft): 18.330
     Group: P24                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NP24D05             Base Flow(cfs): 0.000          Init Stage(ft): 18.330
     Group: P24                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24D10             Base Flow(cfs): 0.000          Init Stage(ft): 18.330
     Group: P24                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24E01             Base Flow(cfs): 0.000          Init Stage(ft): 18.330
     Group: P24                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24E05             Base Flow(cfs): 0.000          Init Stage(ft): 18.770
     Group: P24                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24E07             Base Flow(cfs): 0.000          Init Stage(ft): 18.740
     Group: P24                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NP24E09             Base Flow(cfs): 0.000          Init Stage(ft): 18.770
     Group: P24                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NPL1-A              Base Flow(cfs): 0.000          Init Stage(ft): 21.080
     Group: P01                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.000          0.0000
         19.500          0.4400
         20.000          0.7270
         20.500          1.1120
         21.000          2.9090
         21.500          5.7640
         22.000         15.2140
         22.500         33.7310
         23.000         58.5860
         23.500         67.1070
         24.000         69.3950
         24.500         70.5760
         25.000         71.6920
         25.500         72.1130
         26.000         72.5750
         26.500         72.7990
         27.000         72.9840
         27.500         73.4150
```

28.000	73.4630
28.500	73.4980
29.000	73.5310
29.500	73.5720
30.000	73.6130
30.500	73.6350
31.000	73.6560
31.500	73.6660
32.000	73.6800
32.500	73.6930
33.000	73.7110
33.500	73.7260
34.000	73.7530

Name: NPL1-B Base Flow(cfs): 0.000 Init Stage(ft): 23.580
Group: P01 Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.7850
21.500	2.4060
22.000	4.8520
22.500	10.2850
23.000	25.0410
23.500	47.8840
24.000	63.2780
24.500	72.3110
25.000	78.5530
25.500	81.3470
26.000	82.7740
26.500	83.0880
27.000	83.1700
27.500	83.1870
28.000	83.2010

Name: NPL1-C Base Flow(cfs): 0.000 Init Stage(ft): 23.080
Group: P01 Warn Stage(ft): 26.080
Type: Stage/Area

Stage(ft)	Area(ac)
21.500	0.0000
22.000	0.3140
22.500	3.5960
23.000	10.3450
23.500	19.7750
24.000	33.4410
24.500	45.6810
25.000	57.5870
25.500	68.7370
26.000	76.6030
26.500	81.1640
27.000	83.2490
27.500	83.9680
28.000	84.2180
28.500	84.4450
29.000	84.6050
29.500	84.8200
30.000	84.8420
30.500	84.8540
31.000	84.8640
31.500	84.8710
32.000	84.8810
32.500	84.8820

Name: NPL1-D Base Flow(cfs): 0.000 Init Stage(ft): 25.080
Group: P01 Warn Stage(ft): 26.080
Type: Stage/Area

Stage(ft)	Area(ac)
22.000	0.0000
22.500	0.0810
23.000	1.2500
23.500	4.5660

24.000	11.2930
24.500	20.2740
25.000	31.4220
25.500	47.1900
26.000	57.3220
26.500	62.7280
27.000	65.9070
27.500	68.7780
28.000	70.2210
28.500	71.3400
29.000	72.4830
29.500	73.0740
30.000	73.3640
30.500	73.4640
31.000	73.5240
31.500	73.5970
32.000	73.6470
32.500	73.6780

Name: NPL10-A Base Flow(cfs): 0.000 Init Stage(ft): 17.580
Group: P10 Warn Stage(ft): 22.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	0.1840
20.500	1.0000
21.000	5.2510
21.500	22.4090
22.000	40.9970
22.500	52.0970
23.000	57.3480
23.500	59.6170
24.000	60.3770
24.500	60.8600
25.000	61.1340
25.500	61.3610
26.000	61.6210
26.500	61.8250

Name: NPL10-B Base Flow(cfs): 0.000 Init Stage(ft): 18.580
Group: P10 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
20.000	0.0000
20.500	0.1600
21.000	1.6700
21.500	4.6410
22.000	12.5020
22.500	27.9720
23.000	45.5990
23.500	53.1350
24.000	57.0100
24.500	57.9830
25.000	58.3740
25.500	58.6160
26.000	58.9040
26.500	59.4850
27.000	59.7310

Name: NPL10-C Base Flow(cfs): 0.000 Init Stage(ft): 21.080
Group: P10 Warn Stage(ft): 24.080
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	0.9830
22.000	2.6130
22.500	7.8780
23.000	28.5240
23.500	65.6820
24.000	75.3110
24.500	77.8740

25.000	78.5270
25.500	78.8580
26.000	79.2710
26.500	79.3650
27.000	79.6100

Name: NPL10-D Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: P10 Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)
21.500	0.0000
22.000	0.9630
22.500	2.8590
23.000	8.9480
23.500	30.8000
24.000	58.3450
24.500	68.0730
25.000	74.1890
25.500	77.9490
26.000	79.1530
26.500	79.8800
27.000	79.9850
27.500	80.0070

Name: NPL10-E Base Flow(cfs): 0.000 Init Stage(ft): 23.500
Group: P10 Warn Stage(ft): 27.080
Type: Stage/Area

Stage(ft)	Area(ac)
23.000	0.0000
23.500	2.4940
24.000	7.7660
24.500	17.9750
25.000	26.4640
25.500	33.3810
26.000	39.3730
26.500	47.0860
27.000	59.9370
27.500	67.7290
28.000	71.1530
28.500	71.9430
29.000	72.2790
29.500	72.3990
30.000	72.6380

Name: NPL11-A Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: P11 Warn Stage(ft): 22.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	0.9630
20.500	1.7340
21.000	5.8600
21.500	19.6270
22.000	37.8440
22.500	47.7720
23.000	52.8780
23.500	56.9040
24.000	58.2100
24.500	59.2340
25.000	59.7270
25.500	60.1990
26.000	60.2330
26.500	60.3460
27.000	60.3550

Name: NPL11-B Base Flow(cfs): 0.000 Init Stage(ft): 18.080
Group: P11 Warn Stage(ft): 23.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.000	0.0000
20.500	0.0350
21.000	1.7750
21.500	4.9810
22.000	16.8970
22.500	40.9230
23.000	52.1100
23.500	56.3160
24.000	57.6240
24.500	58.1430
25.000	58.6530
25.500	58.9740
26.000	59.1370
26.500	59.3060

Name: NPL11-C Base Flow(cfs): 0.000 Init Stage(ft): 20.580
Group: P11 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.0560
21.500	0.7840
22.000	1.9770
22.500	9.4980
23.000	34.8700
23.500	59.9460
24.000	73.0160
24.500	76.2210
25.000	78.3970
25.500	79.0820
26.000	79.3130
26.500	79.5830
27.000	80.0040
27.500	80.5970
28.000	80.6950

Name: NPL11-D Base Flow(cfs): 0.000 Init Stage(ft): 21.580
Group: P11 Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)
22.000	0.0000
22.500	0.7280
23.000	5.3240
23.500	26.4420
24.000	60.1880
24.500	72.1210
25.000	78.7330
25.500	81.9120
26.000	83.0920
26.500	83.8210
27.000	84.1540
27.500	84.5850

Name: NPL11-E Base Flow(cfs): 0.000 Init Stage(ft): 23.000
Group: P11 Warn Stage(ft): 27.580
Type: Stage/Area

Stage(ft)	Area(ac)
22.500	0.0000
23.000	0.3830
23.500	6.4120
24.000	18.8640
24.500	27.0890
25.000	34.4060
25.500	41.3640
26.000	47.8000
26.500	52.1870
27.000	56.7470
27.500	61.8420

28.000	68.3120
28.500	73.3830
29.000	75.8480
29.500	76.3520
30.000	76.5480
30.500	76.6630

Name: NPL12-A Base Flow(cfs): 0.000 Init Stage(ft): 18.580
Group: P12 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.000	0.0000
19.500	0.4680
20.000	0.7670
20.500	1.2230
21.000	5.4210
21.500	24.0160
22.000	43.7550
22.500	52.7600
23.000	57.1750
23.500	59.0390
24.000	59.7680
24.500	60.4050
25.000	60.6990
25.500	60.7690
26.000	60.9620
26.500	60.9670
27.000	60.9900

Name: NPL12-B Base Flow(cfs): 0.000 Init Stage(ft): 19.080
Group: P12 Warn Stage(ft): 24.080
Type: Stage/Area

Stage(ft)	Area(ac)
18.500	0.0000
19.000	0.4370
19.500	1.0330
20.000	1.3790
20.500	1.7840
21.000	3.0230
21.500	6.2450
22.000	14.9330
22.500	38.8160
23.000	51.3710
23.500	55.1870
24.000	56.8320
24.500	57.8470
25.000	58.4700
25.500	58.9970
26.000	59.3340
26.500	59.6870
27.000	59.8430
27.500	60.0620
28.000	60.3650
28.500	60.3700
29.000	60.3750
29.500	60.3790
30.000	60.3840
30.500	60.3870
31.000	60.3910
31.500	60.3950
32.000	60.3990
32.500	60.4020
33.000	60.4050
33.500	60.4090
34.000	60.4120
34.500	60.4150
35.000	60.4190
35.500	60.4220
36.000	60.4240
36.500	60.4270
37.000	60.4290
37.500	60.4320
38.000	60.4340
38.500	60.4370
39.000	60.4400
39.500	60.4550

```
-----------------------------------------------------------------------------------------
      Name: NPL12-C             Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: P12                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         20.500          0.0000
         21.000          1.5350
         21.500          5.5930
         22.000         11.9410
         22.500         19.3900
         23.000         34.1950
         23.500         59.0150
         24.000         71.6450
         24.500         75.7960
         25.000         79.2230
         25.500         81.4980
         26.000         81.8690

-----------------------------------------------------------------------------------------
      Name: NPL12-D             Base Flow(cfs): 0.000          Init Stage(ft): 22.000
     Group: P12                                                Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         20.500          0.0000
         21.000          0.1370
         21.500          0.3850
         22.000          0.6680
         22.500          2.2190
         23.000          5.5900
         23.500         15.5220
         24.000         37.6080
         24.500         52.9370
         25.000         61.7050
         25.500         68.2790
         26.000         75.1410
         26.500         84.1210
         27.000         94.2690
         27.500        100.9470
         28.000        102.2110
         28.500        102.4010
         29.000        102.4310

-----------------------------------------------------------------------------------------
      Name: NPL12-E             Base Flow(cfs): 0.000          Init Stage(ft): 23.000
     Group: P12                                                Warn Stage(ft): 27.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.500          0.0000
         23.000          0.4010
         23.500          1.7560
         24.000         14.7290
         24.500         27.5580
         25.000         34.6050
         25.500         40.6140
         26.000         46.3040
         26.500         50.4390
         27.000         53.3010
         27.500         54.9380
         28.000         56.0900
         28.500         56.7050
         29.000         57.0200
         29.500         57.1260
         30.000         57.2730
         30.500         57.2960

-----------------------------------------------------------------------------------------
      Name: NPL13-A             Base Flow(cfs): 0.000          Init Stage(ft): 17.580
     Group: P13a                                               Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
```

19.000	0.0000
19.500	0.1270
20.000	0.5220
20.500	1.0050
21.000	1.8970
21.500	8.0500
22.000	25.4840
22.500	39.8240
23.000	45.1050
23.500	46.9100
24.000	47.7180
24.500	47.7400
25.000	47.8230
25.500	47.8250
26.000	47.8260
26.500	47.8300

Name: NPL13-B Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: P13a Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)
18.500	0.0000
19.000	0.1620
19.500	0.5080
20.000	0.8650
20.500	1.5520
21.000	2.7250
21.500	5.3120
22.000	9.0200
22.500	22.9860
23.000	35.4150
23.500	39.0430
24.000	41.4220
24.500	43.3650
25.000	44.4340
25.500	44.9890
26.000	45.4240
26.500	45.8620
27.000	46.2760
27.500	46.4430
28.000	46.6410
28.500	46.8260
29.000	46.9460
29.500	47.1350
30.000	47.1990
30.500	47.2540
31.000	47.2680
31.500	47.2820
32.000	47.2960
32.500	47.3080
33.000	47.3210
33.500	47.3330
34.000	47.3450
34.500	47.3560
35.000	47.3670
35.500	47.3780
36.000	47.3880
36.500	47.3980
37.000	47.4070
37.500	47.4170
38.000	47.4260
38.500	47.4350
39.000	47.4440
39.500	47.4540
40.000	47.4640
40.500	47.4740
41.000	47.4850
41.500	47.4940
42.000	47.5270
42.500	47.5300
43.000	47.5330
43.500	47.5360
44.000	47.5390
44.500	47.5410
45.000	47.5440
45.500	47.5470
46.000	47.5490
46.500	47.5520
47.000	47.5550
47.500	47.5580

48.000	47.5690

Name: NPL13-C Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: P13a Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	0.2010
22.000	2.4390
22.500	13.0070
23.000	30.0490
23.500	48.6480
24.000	61.1840
24.500	63.4140
25.000	63.7420
25.500	63.8640
26.000	63.8780
26.500	63.8910
27.000	63.9040
27.500	63.9180
28.000	63.9310
28.500	63.9700
29.000	63.9790

Name: NPL13b-A Base Flow(cfs): 0.000 Init Stage(ft): 21.580
Group: P13b Warn Stage(ft): 22.580
Type: Stage/Area

Stage(ft)	Area(ac)
20.000	0.0000
20.500	0.0070
21.000	0.1930
21.500	1.7220
22.000	5.4740
22.500	10.0600
23.000	11.6560
23.500	12.3920
24.000	13.3060
24.500	13.9140
25.000	14.2050
25.500	14.4200
26.000	14.5180
26.500	14.5540

Name: NPL13b-B Base Flow(cfs): 0.000 Init Stage(ft): 22.000
Group: P13b Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
21.500	0.0000
22.000	0.5150
22.500	5.8930
23.000	13.3140
23.500	16.4390
24.000	17.3030
24.500	17.9080
25.000	19.5680
25.500	20.2820
26.000	20.4820

Name: NPL13b-C Base Flow(cfs): 0.000 Init Stage(ft): 22.000
Group: P13b Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)
21.500	0.0000
22.000	0.4500
22.500	4.4470
23.000	16.6760

```
         23.500         22.1190
         24.000         23.4010
         24.500         24.5740
         25.000         26.3250
         25.500         26.6100
         26.000         26.9340
         26.500         27.1460

-------------------------------------------------------------------------------------------
      Name: NPL13b-D            Base Flow(cfs): 0.000          Init Stage(ft): 23.500
     Group: P13b                                              Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.500          0.0000
         23.000          0.5610
         23.500          2.4470
         24.000          4.1270
         24.500          5.3190
         25.000          7.3300
         25.500          9.2590
         26.000          9.8490
         26.500         10.0860
         27.000         10.1030

-------------------------------------------------------------------------------------------
      Name: NPL14-A             Base Flow(cfs): 0.000          Init Stage(ft): 17.580
     Group: P14                                               Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         20.000          0.0000
         20.500          1.4080
         21.000          3.5480
         21.500         11.1060
         22.000         26.7130
         22.500         41.0650
         23.000         45.2160
         23.500         46.6320
         24.000         47.1840
         24.500         47.5880
         25.000         47.9960
         25.500         48.1380

-------------------------------------------------------------------------------------------
      Name: NPL14-B             Base Flow(cfs): 0.000          Init Stage(ft): 22.000
     Group: P14                                               Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         21.000          0.0000
         21.500          0.4490
         22.000          3.1680
         22.500         29.0620
         23.000         56.0820
         23.500         65.4320
         24.000         68.9830
         24.500         70.8970
         25.000         73.5070
         25.500         75.1010
         26.000         75.5030
         26.500         75.6380

-------------------------------------------------------------------------------------------
      Name: NPL14-C             Base Flow(cfs): 0.000          Init Stage(ft): 22.500
     Group: P14                                               Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         21.500          0.0000
         22.000          0.0400
         22.500          4.2470
         23.000         24.8150
         23.500         42.7430
```

24.000	49.6000
24.500	53.0690
25.000	55.0300
25.500	57.2940
26.000	59.1030
26.500	59.4750
27.000	59.6260

Name: NPL14-D Base Flow(cfs): 0.000 Init Stage(ft): 23.080
Group: P13b Warn Stage(ft): 26.080
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	0.3300
22.000	1.4670
22.500	3.1240
23.000	7.2550
23.500	19.5530
24.000	37.0110
24.500	53.8750
25.000	65.5380
25.500	71.4050
26.000	74.7790
26.500	75.2830
27.000	75.4890
27.500	75.5660
28.000	75.7420
28.500	75.9270

Name: NPL14-E Base Flow(cfs): 0.000 Init Stage(ft): 23.500
Group: P13b Warn Stage(ft): 29.080
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	0.0300
22.000	0.7440
22.500	3.0630
23.000	5.8250
23.500	8.7140
24.000	23.0480
24.500	36.0570
25.000	45.0300
25.500	48.4810
26.000	52.8730
26.500	59.7980
27.000	64.3830
27.500	66.1030
28.000	68.4050
28.500	68.7760
29.000	68.8720
29.500	68.9610
30.000	69.0660
30.500	69.1670
31.000	69.2750
31.500	69.3960
32.000	69.5640
32.500	70.0930

Name: NPL15-A Base Flow(cfs): 0.000 Init Stage(ft): 18.080
Group: P15 Warn Stage(ft): 23.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.000	0.0000
20.500	0.7430
21.000	2.9780
21.500	7.8520
22.000	27.6140
22.500	42.7820
23.000	48.5430
23.500	49.3890
24.000	49.8420

```
         24.500         50.3810
         25.000         50.6900
         25.500         50.7740

-------------------------------------------------------------------------------------------
      Name: NPL15-B             Base Flow(cfs): 0.000          Init Stage(ft): 21.080
     Group: P15                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         20.500          0.0000
         21.000          0.1290
         21.500          0.6260
         22.000          3.6080
         22.500         19.4390
         23.000         44.1940
         23.500         60.1580
         24.000         69.7890
         24.500         74.6030
         25.000         78.0830
         25.500         80.6530
         26.000         82.1120
         26.500         82.6740

-------------------------------------------------------------------------------------------
      Name: NPL15-C             Base Flow(cfs): 0.000          Init Stage(ft): 21.580
     Group: P15                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         20.500          0.1280
         21.000          0.3100
         21.500          0.5220
         22.000          1.3010
         22.500          7.5450
         23.000         28.2990
         23.500         55.4690
         24.000         73.7170
         24.500         82.6700
         25.000         85.1970
         25.500         87.2330
         26.000         89.6680
         26.500         91.0720
         27.000         91.8680
         27.500         92.1710
         28.000         92.4470
         28.500         92.5670

-------------------------------------------------------------------------------------------
      Name: NPL15-D             Base Flow(cfs): 0.000          Init Stage(ft): 23.080
     Group: P13b                                               Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         20.000          0.0000
         20.500          0.7600
         21.000          1.1650
         21.500          1.5790
         22.000          2.0180
         22.500          2.4340
         23.000          3.2330
         23.500          6.7440
         24.000         17.1200
         24.500         27.4310
         25.000         35.2580
         25.500         39.2290
         26.000         41.2790
         26.500         41.8360

-------------------------------------------------------------------------------------------
      Name: NPL15-E             Base Flow(cfs): 0.000          Init Stage(ft): 23.000
     Group: P13b                                               Warn Stage(ft): 28.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
```

19.500	0.0000
20.000	0.1240
20.500	0.4190
21.000	0.6850
21.500	1.0100
22.000	1.4150
22.500	2.3310
23.000	3.5510
23.500	6.3480
24.000	14.0780
24.500	23.6430
25.000	32.3220
25.500	36.8670
26.000	43.1190
26.500	52.6360
27.000	58.4220
27.500	58.6900
28.000	58.9340
28.500	59.1040
29.000	59.2980
29.500	59.4810
30.000	59.5880
30.500	59.6490
31.000	59.7040
31.500	59.7140
32.000	59.7240
32.500	59.7340
33.000	59.7460
33.500	59.7600
34.000	59.7700
34.500	59.7800
35.000	59.7890
35.500	59.7980
36.000	59.8080
36.500	59.8170
37.000	59.8260
37.500	59.8360
38.000	59.8450
38.500	60.3730

Name: NPL16-A Base Flow(cfs): 0.000 Init Stage(ft): 20.080
Group: P16 Warn Stage(ft): 23.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.000	0.0000
20.500	0.0150
21.000	0.7750
21.500	11.3090
22.000	32.0510
22.500	43.2980
23.000	49.3880
23.500	52.6690
24.000	53.9660
24.500	54.2850
25.000	54.4090
25.500	54.4910
26.000	54.5280
26.500	54.5640
27.000	54.6040
27.500	54.6810

Name: NPL16-B Base Flow(cfs): 0.000 Init Stage(ft): 21.500
Group: P16 Warn Stage(ft): 24.080
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	0.7250
22.000	5.0820
22.500	18.3190
23.000	37.3670
23.500	51.0400
24.000	57.1230
24.500	60.4640
25.000	62.9240
25.500	64.6850

26.000	65.3830
26.500	65.7220
27.000	65.7500
27.500	65.8650

Name: NPL16-C Base Flow(cfs): 0.000 Init Stage(ft): 22.000
Group: P16 Warn Stage(ft): 24.080
Type: Stage/Area

Stage(ft)	Area(ac)
21.500	0.0000
22.000	1.4770
22.500	8.0330
23.000	20.5220
23.500	31.7100
24.000	42.6350
24.500	50.1550
25.000	54.8680
25.500	59.0170
26.000	63.2520
26.500	65.0640
27.000	65.8120
27.500	66.1900

Name: NPL16-D Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: P18 Warn Stage(ft): 26.580
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	0.7730
22.000	1.8650
22.500	4.3420
23.000	13.0340
23.500	34.3990
24.000	58.1520
24.500	72.0080
25.000	78.2510
25.500	81.7640
26.000	84.7930
26.500	87.7010
27.000	88.3990
27.500	89.0100
28.000	89.2900
28.500	89.4370
29.000	89.7210

Name: NPL16-E Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: P18 Warn Stage(ft): 28.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.3830
21.500	1.6590
22.000	2.9630
22.500	4.9820
23.000	9.6990
23.500	27.6200
24.000	57.7560
24.500	85.5880
25.000	105.1460
25.500	116.4230
26.000	121.1220
26.500	124.0880
27.000	125.1850
27.500	125.5940
28.000	125.7580
28.500	125.9980
29.000	126.0030
29.500	126.0160

Name: NPL17-A Base Flow(cfs): 0.000 Init Stage(ft): 21.080

```
     Group: P17                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.500          0.0000
         20.000          0.0050
         20.500          0.1590
         21.000          0.4390
         21.500          7.5560
         22.000         26.4180
         22.500         36.0330
         23.000         40.4400
         23.500         44.3130
         24.000         47.1070
         24.500         48.3790
         25.000         49.0550
         25.500         49.3590
         26.000         49.4740
         26.500         49.5590
         27.000         49.6500
         27.500         49.7720
         28.000         49.8080

-------------------------------------------------------------------------------------------
      Name: NPL17-B             Base Flow(cfs): 0.000          Init Stage(ft): 22.000
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         21.500          0.0000
         22.000          1.2290
         22.500         15.6970
         23.000         36.7050
         23.500         49.9610
         24.000         56.7890
         24.500         61.6810
         25.000         64.8000
         25.500         66.3030
         26.000         66.9420
         26.500         67.3000
         27.000         67.6400
         27.500         67.6780

-------------------------------------------------------------------------------------------
      Name: NPL17-C             Base Flow(cfs): 0.000          Init Stage(ft): 22.500
     Group: P17                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.000          0.0000
         22.500          1.2910
         23.000          8.8640
         23.500         25.5230
         24.000         44.7810
         24.500         56.8520
         25.000         66.2310
         25.500         73.7710
         26.000         80.6040
         26.500         84.2460
         27.000         86.4310
         27.500         87.3110

-------------------------------------------------------------------------------------------
      Name: NPL17-D             Base Flow(cfs): 0.000          Init Stage(ft): 22.500
     Group: P18                                                Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         21.000          0.0000
         21.500          0.3920
         22.000          1.8490
         22.500          3.3880
         23.000          9.6680
         23.500         21.6870
```

24.000	42.2840
24.500	55.1060
25.000	61.4330
25.500	65.2170
26.000	67.2460
26.500	68.5070
27.000	68.7760
27.500	69.0190

Name: NPL17-E Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: P18 Warn Stage(ft): 28.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.000	0.0000
20.500	0.4510
21.000	0.7600
21.500	1.4710
22.000	2.9620
22.500	6.0870
23.000	14.3210
23.500	32.8030
24.000	50.3710
24.500	67.5410
25.000	80.1280
25.500	84.5630
26.000	87.0850
26.500	88.2750
27.000	89.2090
27.500	89.3190
28.000	89.5570

Name: NPL18-A Base Flow(cfs): 0.000 Init Stage(ft): 21.500
Group: P18 Warn Stage(ft): 24.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.0940
21.500	0.6270
22.000	10.0270
22.500	26.7040
23.000	45.0040
23.500	56.3030
24.000	64.5400
24.500	69.0760
25.000	70.9830
25.500	71.8070
26.000	72.2550
26.500	72.4680
27.000	72.5770

Name: NPL18-B Base Flow(cfs): 0.000 Init Stage(ft): 22.080
Group: P18 Warn Stage(ft): 23.080
Type: Stage/Area

Stage(ft)	Area(ac)
18.500	0.0000
19.000	1.4210
19.500	2.5090
20.000	2.9550
20.500	3.5720
21.000	4.5830
21.500	5.6530
22.000	7.2400
22.500	17.3580
23.000	33.9190
23.500	49.5610
24.000	60.8520
24.500	68.9880
25.000	72.8740
25.500	74.6060
26.000	76.0590
26.500	76.9810

27.000	77.1350
27.500	77.1500
28.000	77.1680

Name: NPL18-C Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: P18 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.4760
21.500	0.9470
22.000	1.5990
22.500	3.6160
23.000	8.2970
23.500	23.3530
24.000	49.0860
24.500	67.3700
25.000	73.3670
25.500	76.9120
26.000	80.3350
26.500	81.8810
27.000	83.8690
27.500	84.1310
28.000	84.3120
28.500	84.4340

Name: NPL18-D Base Flow(cfs): 0.000 Init Stage(ft): 22.500
Group: P18 Warn Stage(ft): 28.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.7010
21.500	1.2300
22.000	2.0300
22.500	5.9450
23.000	14.3870
23.500	33.1320
24.000	56.7050
24.500	78.2540
25.000	96.3900
25.500	103.6900
26.000	106.9290
26.500	109.0730
27.000	110.3700
27.500	110.6180
28.000	110.9410
28.500	111.2340

Name: NPL19-A Base Flow(cfs): 0.000 Init Stage(ft): 22.080
Group: P19 Warn Stage(ft): 23.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.000	0.0000
20.500	0.2300
21.000	1.1360
21.500	3.6700
22.000	19.0830
22.500	39.6080
23.000	49.5080
23.500	55.1180
24.000	57.5250
24.500	59.1890
25.000	60.1520
25.500	60.7900
26.000	61.1130
26.500	61.1530
27.000	61.2040
27.500	61.2310

Name: NPL19-B Base Flow(cfs): 0.000 Init Stage(ft): 22.580

Group: P19 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	0.1800
20.500	1.1500
21.000	2.8690
21.500	5.2000
22.000	10.6760
22.500	34.5650
23.000	51.9260
23.500	59.9160
24.000	64.4800
24.500	67.5170
25.000	69.6000
25.500	70.5550
26.000	71.3190
26.500	71.9910
27.000	72.3540
27.500	73.0570
28.000	73.2660

Name: NPL19-C Base Flow(cfs): 0.000 Init Stage(ft): 21.080
Group: P19 Warn Stage(ft): 24.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.2010
21.500	1.4350
22.000	2.5500
22.500	11.2010
23.000	37.6600
23.500	68.1620
24.000	87.4830
24.500	95.6220
25.000	99.7550
25.500	102.0530
26.000	103.3280
26.500	104.3220
27.000	105.0970
27.500	105.7790
28.000	106.0430

Name: NPL19-D Base Flow(cfs): 0.000 Init Stage(ft): 21.580
Group: P19 Warn Stage(ft): 26.580
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	0.7970
22.000	2.6460
22.500	9.7890
23.000	23.1720
23.500	45.9590
24.000	72.7130
24.500	98.3970
25.000	112.3210
25.500	114.5770
26.000	115.7760
26.500	116.4740
27.000	117.5020
27.500	117.7830
28.000	117.8600
28.500	118.0210
29.000	118.0490

Name: NPL2-A Base Flow(cfs): 0.000 Init Stage(ft): 21.080
Group: P02 Warn Stage(ft): 24.080
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	0.4140
20.500	0.7470
21.000	1.9130
21.500	2.7460
22.000	5.4810
22.500	11.5070
23.000	21.1570
23.500	29.7860
24.000	34.2440
24.500	35.2110
25.000	35.7700
25.500	36.3210
26.000	36.7640
26.500	36.8670
27.000	36.9050
27.500	36.9350
28.000	36.9500
28.500	36.9540
29.000	36.9570
29.500	36.9610
30.000	36.9640
30.500	36.9810

Name: NPL2-B Base Flow(cfs): 0.000 Init Stage(ft): 22.080
Group: P02 Warn Stage(ft): 25.080
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	0.5700
22.000	4.0960
22.500	9.4650
23.000	13.8910
23.500	27.4040
24.000	40.3480
24.500	52.9280
25.000	62.1550
25.500	66.8500
26.000	69.2900
26.500	70.0390
27.000	70.4540
27.500	70.6090
28.000	70.6490
28.500	70.6870

Name: NPL2-C Base Flow(cfs): 0.000 Init Stage(ft): 24.580
Group: P02 Warn Stage(ft): 25.580
Type: Stage/Area

Stage(ft)	Area(ac)
22.000	0.0000
22.500	0.8600
23.000	7.3090
23.500	15.9690
24.000	27.8630
24.500	41.3530
25.000	53.5940
25.500	61.5060
26.000	66.6090
26.500	68.3170
27.000	69.1320
27.500	69.5430
28.000	69.7730
28.500	70.1040

Name: NPL2-D Base Flow(cfs): 0.000 Init Stage(ft): 27.580
Group: P02 Warn Stage(ft): 28.580
Type: Stage/Area

Stage(ft)	Area(ac)
22.500	0.0000

23.000	1.7770
23.500	5.1810
24.000	9.8580
24.500	16.5090
25.000	22.6970
25.500	28.8240
26.000	38.4610
26.500	45.4650
27.000	49.5000
27.500	52.4350
28.000	54.9820
28.500	57.0800
29.000	58.9270
29.500	60.7900
30.000	63.2010
30.500	66.3730
31.000	70.5920
31.500	76.4350
32.000	90.0680
32.500	99.7970
33.000	102.4950
33.500	102.9640
34.000	103.0600

Name: NPL20-A Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: P20 Warn Stage(ft): 22.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	0.4390
20.500	1.6050
21.000	3.0410
21.500	4.7510
22.000	21.9730
22.500	51.8410
23.000	64.3560
23.500	70.4310
24.000	74.4160
24.500	77.7740
25.000	79.4610
25.500	80.5090
26.000	81.6200
26.500	82.1750
27.000	82.4320
27.500	82.4620

Name: NPL20-B Base Flow(cfs): 0.000 Init Stage(ft): 20.580
Group: P20 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
20.000	0.0000
20.500	0.2990
21.000	0.6610
21.500	2.8250
22.000	6.4440
22.500	19.6390
23.000	36.4850
23.500	50.2830
24.000	62.4610
24.500	72.0430
25.000	76.6620
25.500	78.8390
26.000	80.1960
26.500	81.1560
27.000	81.7580
27.500	82.3640
28.000	82.5600

Name: NPL20-C Base Flow(cfs): 0.000 Init Stage(ft): 20.080
Group: P20 Warn Stage(ft): 23.080
Type: Stage/Area

Stage(ft)	Area(ac)

20.000	0.0000
20.500	0.1500
21.000	0.4900
21.500	0.7300
22.000	1.1200
22.500	5.3960
23.000	34.7360
23.500	52.6340
24.000	60.9630
24.500	65.8750
25.000	68.2810
25.500	69.6470
26.000	70.4670
26.500	70.9170
27.000	71.3090
27.500	71.7520

Name: NPL20-D Base Flow(cfs): 0.000 Init Stage(ft): 20.580
Group: P20 Warn Stage(ft): 25.580
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	1.4580
22.000	4.1790
22.500	10.8120
23.000	30.4080
23.500	63.4140
24.000	95.7300
24.500	114.9970
25.000	124.5580
25.500	126.7980
26.000	127.4220
26.500	127.9130
27.000	128.5550
27.500	128.7920
28.000	128.8660

Name: NPL21-A Base Flow(cfs): 0.000 Init Stage(ft): 20.080
Group: P21 Warn Stage(ft): 23.080
Type: Stage/Area

Stage(ft)	Area(ac)
18.500	0.0000
19.000	0.0540
19.500	0.3150
20.000	1.1500
20.500	1.7540
21.000	2.3970
21.500	4.1900
22.000	22.3000
22.500	49.3840
23.000	61.4800
23.500	68.0260
24.000	73.6210
24.500	75.9770
25.000	77.3180
25.500	78.1910
26.000	79.3210
26.500	79.8450
27.000	79.8860
27.500	79.9420
28.000	79.9780
28.500	80.0360

Name: NPL21-B Base Flow(cfs): 0.000 Init Stage(ft): 20.580
Group: P21 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.000	0.0000
19.500	0.4740
20.000	0.7050

20.500	0.9170
21.000	1.9790
21.500	3.8530
22.000	6.0880
22.500	22.3270
23.000	51.1290
23.500	66.6120
24.000	72.3190
24.500	75.1600
25.000	76.4650
25.500	77.4190
26.000	78.5550
26.500	79.3980
27.000	79.9900
27.500	80.3070
28.000	80.3210

Name: NPL21-C Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: P21 Warn Stage(ft): 22.580
Type: Stage/Area

Stage(ft)	Area(ac)
20.000	0.0000
20.500	0.0450
21.000	0.5660
21.500	1.8290
22.000	3.6150
22.500	5.8040
23.000	26.9090
23.500	54.7460
24.000	67.8830
24.500	73.8830
25.000	76.8680
25.500	78.0950
26.000	78.9570
26.500	79.4060
27.000	79.9270
27.500	80.5940

Name: NPL21-D Base Flow(cfs): 0.000 Init Stage(ft): 21.580
Group: P21 Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.000	0.0750
19.500	0.8120
20.000	1.8970
20.500	2.4890
21.000	3.7090
21.500	5.4850
22.000	6.3070
22.500	8.5850
23.000	19.2770
23.500	52.7480
24.000	90.9070
24.500	106.2020
25.000	112.0880
25.500	114.7420
26.000	116.3500
26.500	117.3180
27.000	118.6110
27.500	118.8580
28.000	119.0230
28.500	119.3010
29.000	119.3950

Name: NPL22-A Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: P22 Warn Stage(ft): 22.580
Type: Stage/Area

Stage(ft)	Area(ac)
18.500	0.0000
19.000	0.2700
19.500	0.8560

20.000	1.0770
20.500	1.6940
21.000	2.9300
21.500	5.2420
22.000	25.5830
22.500	48.3380
23.000	63.4450
23.500	71.0640
24.000	74.3840
24.500	75.9080
25.000	77.1180
25.500	78.2910
26.000	79.2760
26.500	79.7440
27.000	80.1600
27.500	80.3580

Name: NPL22-B Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: P22 Warn Stage(ft): 22.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	0.6250
20.500	1.6790
21.000	2.2980
21.500	4.1600
22.000	9.9230
22.500	25.5460
23.000	48.7360
23.500	65.8450
24.000	71.3490
24.500	73.8130
25.000	75.6210
25.500	76.8780
26.000	77.9150
26.500	79.4500
27.000	79.8670
27.500	80.1970

Name: NPL22-C Base Flow(cfs): 0.000 Init Stage(ft): 19.080
Group: P22 Warn Stage(ft): 22.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.3550
21.500	0.9980
22.000	3.9450
22.500	12.9720
23.000	31.8060
23.500	55.5420
24.000	67.8150
24.500	73.3860
25.000	77.1150
25.500	78.3240
26.000	78.9100
26.500	79.5670
27.000	80.4970

Name: NPL22-D Base Flow(cfs): 0.000 Init Stage(ft): 21.580
Group: P22 Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	1.6610
21.500	2.2800
22.000	3.2250
22.500	5.0780
23.000	13.1910
23.500	36.5840
24.000	76.3790
24.500	99.4750

25.000	109.9410
25.500	113.4360
26.000	114.6890
26.500	115.4690
27.000	116.0420
27.500	116.7830
28.000	116.8250

Name: NPL23-A Base Flow(cfs): 0.000 Init Stage(ft): 19.080
Group: P23 Warn Stage(ft): 22.080
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	1.3830
20.500	1.8450
21.000	3.6320
21.500	9.1010
22.000	30.5550
22.500	58.2900
23.000	68.0850
23.500	73.0960
24.000	76.1000
24.500	77.4580
25.000	78.5960
25.500	79.5900
26.000	80.3820
26.500	80.5540
27.000	80.5990
27.500	80.6350
28.000	80.6490
28.500	80.6650
29.000	80.6800
29.500	80.7050

Name: NPL23-B Base Flow(cfs): 0.000 Init Stage(ft): 19.080
Group: P23 Warn Stage(ft): 22.080
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	0.9090
20.500	1.8380
21.000	3.2890
21.500	6.0170
22.000	14.1570
22.500	47.1800
23.000	62.5470
23.500	69.2450
24.000	73.0270
24.500	75.0020
25.000	76.5610
25.500	77.9990
26.000	79.2630
26.500	79.9240
27.000	80.2490
27.500	80.2760
28.000	80.2840
28.500	80.2900
29.000	80.3140

Name: NPL23-C Base Flow(cfs): 0.000 Init Stage(ft): 17.580
Group: P23 Warn Stage(ft): 20.580
Type: Stage/Area

Stage(ft)	Area(ac)
20.000	0.0000
20.500	1.2390
21.000	2.2150
21.500	4.0250
22.000	6.8910
22.500	18.0420
23.000	49.3700
23.500	68.4080

24.000	73.9310
24.500	76.2000
25.000	77.1980
25.500	78.0310
26.000	79.1730
26.500	79.8380
27.000	80.4860
27.500	80.4890
28.000	80.4920
28.500	80.5100

Name: NPL23-D Base Flow(cfs): 0.000 Init Stage(ft): 20.580
Group: P23 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	1.8190
20.500	2.7850
21.000	3.4880
21.500	5.3690
22.000	7.6020
22.500	15.4370
23.000	39.9810
23.500	62.3550
24.000	82.0840
24.500	98.1210
25.000	106.8160
25.500	110.6530
26.000	112.7700
26.500	114.3310
27.000	115.9480
27.500	116.8680
28.000	117.0060
28.500	117.0340
29.000	117.0620

Name: NPL24-A Base Flow(cfs): 0.000 Init Stage(ft): 19.080
Group: P24 Warn Stage(ft): 22.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.000	0.0000
20.500	0.2890
21.000	0.7800
21.500	3.1210
22.000	16.7830
22.500	25.6530
23.000	30.4040
23.500	34.0880
24.000	36.1180
24.500	37.2570
25.000	37.7680
25.500	38.0880
26.000	38.6110
26.500	38.8570
27.000	38.8760
27.500	38.9070
28.000	38.9270
28.500	38.9680
29.000	38.9930

Name: NPL24-B Base Flow(cfs): 0.000 Init Stage(ft): 18.080
Group: P24 Warn Stage(ft): 21.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.3760
21.500	4.6890
22.000	10.8220
22.500	18.4160
23.000	25.8160
23.500	29.7620

24.000	32.2420
24.500	32.8640
25.000	33.2140
25.500	33.4720
26.000	33.8940
26.500	33.9250

Name: NPL24-C Base Flow(cfs): 0.000 Init Stage(ft): 16.580
Group: P24 Warn Stage(ft): 19.580
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	0.2920
22.000	2.8340
22.500	8.6940
23.000	16.8120
23.500	29.2290
24.000	33.6110
24.500	36.3220
25.000	37.6640
25.500	38.1930
26.000	38.4420
26.500	38.6970
27.000	38.8960
27.500	38.9150

Name: NPL24-D Base Flow(cfs): 0.000 Init Stage(ft): 20.580
Group: P24 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.6510
21.500	1.4870
22.000	3.1260
22.500	9.0910
23.000	15.7420
23.500	28.1560
24.000	48.0140
24.500	53.4070
25.000	56.8510
25.500	59.4560
26.000	60.6100
26.500	61.2900
27.000	61.7440
27.500	62.0690
28.000	62.4490
28.500	62.4840
29.000	62.5000
29.500	62.5260
30.000	62.6270

Name: NPL3-B Base Flow(cfs): 0.000 Init Stage(ft): 24.080
Group: P03 Warn Stage(ft): 25.080
Type: Stage/Area

Stage(ft)	Area(ac)
21.500	0.0000
22.000	0.7990
22.500	4.9510
23.000	15.1550
23.500	25.1330
24.000	38.7760
24.500	55.9730
25.000	67.0420
25.500	70.5900
26.000	72.2830
26.500	73.3630
27.000	74.0200
27.500	74.4670
28.000	74.7190
28.500	74.7370

```
-----------------------------------------------------------------------------------------
      Name: NPL3-C              Base Flow(cfs): 0.000          Init Stage(ft): 24.080
     Group: P03                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.000          0.0000
         22.500          2.6200
         23.000          6.7020
         23.500         13.3570
         24.000         19.0750
         24.500         29.7370
         25.000         48.5330
         25.500         58.7520
         26.000         62.7910
         26.500         64.6580
         27.000         66.0540
         27.500         66.8700
         28.000         67.1030
         28.500         67.1340

-----------------------------------------------------------------------------------------
      Name: NPL3-D              Base Flow(cfs): 0.000          Init Stage(ft): 28.080
     Group: P03                                              Warn Stage(ft): 29.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         23.000          0.0000
         23.500          0.3980
         24.000          5.3240
         24.500         10.6240
         25.000         16.6240
         25.500         27.8860
         26.000         37.8530
         26.500         43.9920
         27.000         47.3630
         27.500         49.4190
         28.000         51.0720
         28.500         53.4570
         29.000         56.6010
         29.500         59.3940
         30.000         61.9160
         30.500         66.6870
         31.000         76.1180
         31.500         85.7120
         32.000        107.9480
         32.500        126.4820
         33.000        135.3740
         33.500        136.3450
         34.000        136.9880
         34.500        137.3050
         35.000        137.7420

-----------------------------------------------------------------------------------------
      Name: NPL4-B              Base Flow(cfs): 0.000          Init Stage(ft): 21.580
     Group: P04                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.000          0.0000
         22.500          2.6540
         23.000          7.0750
         23.500         12.5850
         24.000         32.0710
         24.500         48.2770
         25.000         55.6200
         25.500         59.5050
         26.000         60.2300
         26.500         60.7210
         27.000         60.9880
         27.500         61.3360
         28.000         61.4050
         28.500         61.4570
         29.000         61.4940

-----------------------------------------------------------------------------------------
      Name: NPL4-C              Base Flow(cfs): 0.000          Init Stage(ft): 23.580
```

```
     Group: P04                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.000          0.0000
         22.500          1.5260
         23.000         13.4570
         23.500         23.7870
         24.000         33.3630
         24.500         42.6420
         25.000         57.2320
         25.500         70.7750
         26.000         77.8990
         26.500         80.1810
         27.000         80.7560
         27.500         81.2390
         28.000         81.4510
         28.500         81.5730

-------------------------------------------------------------------------------------------
      Name: NPL4-D              Base Flow(cfs): 0.000          Init Stage(ft): 24.580
     Group: P04                                                Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         23.000          0.0000
         23.500          0.6380
         24.000          8.4970
         24.500         20.5200
         25.000         28.3680
         25.500         39.1300
         26.000         47.7160
         26.500         52.5280
         27.000         55.4190
         27.500         57.8030
         28.000         60.2460
         28.500         62.4050
         29.000         64.9530
         29.500         66.9600
         30.000         68.9540
         30.500         71.3790
         31.000         75.0520
         31.500         78.9360
         32.000         80.5340
         32.500         81.0240
         33.000         81.4340
         33.500         81.5660
         34.000         81.5890
         34.500         81.6250

-------------------------------------------------------------------------------------------
      Name: NPL4-E              Base Flow(cfs): 0.000          Init Stage(ft): 29.080
     Group: P04                                                Warn Stage(ft): 30.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         28.000          0.0000
         28.500          0.5540
         29.000          2.1300
         29.500          4.9890
         30.000          8.1520
         30.500         12.9070
         31.000         20.4220
         31.500         35.1610
         32.000         58.3390
         32.500         75.2600
         33.000         79.1160
         33.500         80.3060
         34.000         80.9750
         34.500         81.3230
         35.000         81.7460
         35.500         82.0180
         36.000         82.0460

-------------------------------------------------------------------------------------------
      Name: NPL5-B              Base Flow(cfs): 0.000          Init Stage(ft): 22.080
     Group: P05                                                Warn Stage(ft): 25.080
```

Type: Stage/Area

Stage(ft)	Area(ac)
21.500	0.0000
22.000	0.2660
22.500	2.5810
23.000	7.6280
23.500	26.8890
24.000	50.7010
24.500	56.5230
25.000	59.1270
25.500	60.3080
26.000	60.4820
26.500	60.6380
27.000	60.7470
27.500	60.9970

Name: NPL5-C Base Flow(cfs): 0.000 Init Stage(ft): 23.580
Group: P05 Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)
22.000	0.0000
22.500	2.0410
23.000	13.4970
23.500	25.3750
24.000	36.4740
24.500	50.3670
25.000	63.3580
25.500	73.1350
26.000	78.2440
26.500	80.1450
27.000	80.8640
27.500	81.2360
28.000	81.4480

Name: NPL5-D Base Flow(cfs): 0.000 Init Stage(ft): 26.080
Group: P05 Warn Stage(ft): 27.080
Type: Stage/Area

Stage(ft)	Area(ac)
23.000	0.0000
23.500	0.5840
24.000	6.6420
24.500	20.1540
25.000	32.6090
25.500	46.4160
26.000	53.9070
26.500	58.0990
27.000	60.6550
27.500	63.4460
28.000	67.4020
28.500	70.0820
29.000	72.1770
29.500	74.1570
30.000	75.7920
30.500	77.9770
31.000	79.7820
31.500	80.6460
32.000	80.8780

Name: NPL5-E Base Flow(cfs): 0.000 Init Stage(ft): 29.580
Group: P05 Warn Stage(ft): 30.580
Type: Stage/Area

Stage(ft)	Area(ac)
27.500	0.0000
28.000	1.0120
28.500	2.6660
29.000	4.2960
29.500	5.7020

30.000	8.1850
30.500	14.3930
31.000	27.0080
31.500	48.8620
32.000	71.3740
32.500	77.4810
33.000	79.6060
33.500	80.5980
34.000	80.8990
34.500	81.0720
35.000	81.1000

Name: NPL6-A Base Flow(cfs): 0.000 Init Stage(ft): 20.080
Group: P06 Warn Stage(ft): 23.080
Type: Stage/Area

Stage(ft)	Area(ac)
18.500	0.0000
19.000	0.1070
19.500	0.2650
20.000	0.4580
20.500	0.6350
21.000	0.8370
21.500	2.0520
22.000	10.7510
22.500	24.6670
23.000	28.3340
23.500	29.5120
24.000	30.2210
24.500	30.3090

Name: NPL6-B Base Flow(cfs): 0.000 Init Stage(ft): 21.080
Group: P06 Warn Stage(ft): 24.080
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	0.9000
22.000	1.5120
22.500	7.5620
23.000	17.1230
23.500	37.2730
24.000	52.4840
24.500	56.2430
25.000	58.0850
25.500	58.9220
26.000	59.3270
26.500	59.7310
27.000	60.3530

Name: NPL6-C Base Flow(cfs): 0.000 Init Stage(ft): 22.580
Group: P06 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
22.000	0.0000
22.500	2.3160
23.000	13.0870
23.500	32.7330
24.000	53.0450
24.500	66.8110
25.000	75.0400
25.500	79.1870
26.000	80.7030
26.500	81.4230
27.000	81.8020
27.500	81.8780
28.000	81.9620
28.500	82.0260

Name: NPL6-D Base Flow(cfs): 0.000 Init Stage(ft): 24.080
Group: P06 Warn Stage(ft): 25.080
Type: Stage/Area

Stage(ft)	Area(ac)
22.500	0.0000
23.000	0.0570
23.500	4.4950
24.000	19.6830
24.500	37.7820
25.000	51.1310
25.500	59.7860
26.000	65.7870
26.500	69.9970
27.000	73.1150
27.500	74.8430
28.000	76.7970
28.500	78.3290
29.000	79.9420
29.500	81.0090
30.000	81.3380
30.500	81.4070
31.000	81.4330
31.500	81.4450

Name: NPL6-E Base Flow(cfs): 0.000 Init Stage(ft): 29.080
Group: P06 Warn Stage(ft): 30.080
Type: Stage/Area

Stage(ft)	Area(ac)
27.000	0.0000
27.500	0.3350
28.000	1.7510
28.500	3.2310
29.000	4.8850
29.500	8.2770
30.000	12.6830
30.500	17.8710
31.000	27.9770
31.500	39.7050
32.000	56.1600
32.500	70.0160
33.000	76.7050
33.500	78.7310
34.000	79.6490
34.500	80.0690
35.000	80.2980
35.500	80.4770
36.000	80.5350

Name: NPL7-A Base Flow(cfs): 0.000 Init Stage(ft): 20.080
Group: P07 Warn Stage(ft): 23.080
Type: Stage/Area

Stage(ft)	Area(ac)
16.000	0.0000
16.500	0.0270
17.000	0.2590
17.500	0.7750
18.000	1.0380
18.500	1.2890
19.000	1.5880
19.500	2.1430
20.000	2.5580
20.500	3.4070
21.000	9.3420
21.500	24.3450
22.000	41.5130
22.500	52.1430
23.000	58.5430
23.500	59.8260
24.000	60.7350
24.500	61.1270
25.000	61.3520
25.500	61.6570
26.000	61.8660

```
      Name: NPL7-B              Base Flow(cfs): 0.000          Init Stage(ft): 20.580
     Group: P07                                                Warn Stage(ft): 23.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         20.500          0.0000
         21.000          0.3960
         21.500          1.2020
         22.000         10.5470
         22.500         30.4060
         23.000         49.7600
         23.500         57.2050
         24.000         59.0220
         24.500         59.7380
         25.000         60.1210
         25.500         60.2870
         26.000         60.4070
         26.500         60.6280
         27.000         60.8520
         27.500         60.8600
         28.000         60.8670
         28.500         60.8740
         29.000         60.8940
         29.500         60.8980
         30.000         60.9030
         30.500         60.9130
         31.000         60.9160
         31.500         60.9360

-------------------------------------------------------------------------------------------
      Name: NPL7-C              Base Flow(cfs): 0.000          Init Stage(ft): 23.080
     Group: P07                                                Warn Stage(ft): 24.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         21.500          0.0000
         22.000          0.3100
         22.500          3.4520
         23.000         13.7430
         23.500         40.3090
         24.000         55.8850
         24.500         69.4250
         25.000         75.5380
         25.500         79.3390
         26.000         81.2330
         26.500         81.9170
         27.000         82.0500
         27.500         82.1360

-------------------------------------------------------------------------------------------
      Name: NPL7-D              Base Flow(cfs): 0.000          Init Stage(ft): 23.580
     Group: P07                                                Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.500          0.0000
         23.000          1.6300
         23.500         11.8040
         24.000         37.4850
         24.500         49.1670
         25.000         60.9480
         25.500         70.0340
         26.000         75.4630
         26.500         77.8680
         27.000         79.5400
         27.500         80.6950
         28.000         81.4150
         28.500         81.6720
         29.000         81.7980

-------------------------------------------------------------------------------------------
      Name: NPL7-E              Base Flow(cfs): 0.000          Init Stage(ft): 28.580
     Group: P07                                                Warn Stage(ft): 29.580
      Type: Stage/Area
```

Stage(ft)	Area(ac)
25.500	0.0000
26.000	0.3410
26.500	1.4380
27.000	2.6930
27.500	4.1300
28.000	6.4040
28.500	8.5950
29.000	11.9080
29.500	16.4610
30.000	23.4260
30.500	31.0830
31.000	41.0920
31.500	51.3490
32.000	62.9890
32.500	73.9860
33.000	79.2400
33.500	79.9320
34.000	80.1800
34.500	80.3680

Name: NPL8-A Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: P08 Warn Stage(ft): 22.580
Type: Stage/Area

Stage(ft)	Area(ac)
17.500	0.0000
18.000	1.0290
18.500	1.5070
19.000	1.7930
19.500	2.0880
20.000	2.6160
20.500	3.1970
21.000	7.4170
21.500	25.0810
22.000	44.5030
22.500	56.7890
23.000	59.9150
23.500	61.0000
24.000	61.1210
24.500	61.2270

Name: NPL8-B Base Flow(cfs): 0.000 Init Stage(ft): 19.080
Group: P08 Warn Stage(ft): 24.080
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	2.3660
22.000	5.3490
22.500	20.7410
23.000	39.6930
23.500	46.8500
24.000	51.2750
24.500	55.3740
25.000	58.1530
25.500	59.6730
26.000	60.1400
26.500	60.2600
27.000	60.2780

Name: NPL8-C Base Flow(cfs): 0.000 Init Stage(ft): 20.580
Group: P08 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
21.500	0.0000
22.000	3.7630
22.500	11.0640
23.000	37.9300
23.500	62.1390
24.000	70.5450
24.500	75.7200

25.000	78.5710
25.500	79.9550
26.000	80.3530
26.500	80.4360
27.000	80.4990
27.500	80.5890
28.000	80.6070

Name: NPL8-D Base Flow(cfs): 0.000 Init Stage(ft): 22.580
Group: P08 Warn Stage(ft): 24.580
Type: Stage/Area

Stage(ft)	Area(ac)
22.500	0.0000
23.000	0.5990
23.500	5.0950
24.000	25.6870
24.500	46.8820
25.000	61.3330
25.500	72.3890
26.000	77.9100
26.500	79.8620
27.000	81.0910
27.500	81.5980
28.000	81.7540
28.500	81.8130

Name: NPL8-E Base Flow(cfs): 0.000 Init Stage(ft): 24.000
Group: P08 Warn Stage(ft): 28.080
Type: Stage/Area

Stage(ft)	Area(ac)
23.000	0.0000
23.500	0.8810
24.000	3.6870
24.500	9.5600
25.000	15.0580
25.500	20.4070
26.000	26.4980
26.500	32.5580
27.000	40.3940
27.500	51.5470
28.000	58.7320
28.500	63.8100
29.000	68.5410
29.500	71.9720
30.000	74.9570
30.500	77.2860
31.000	79.7290
31.500	81.5630
32.000	82.0940
32.500	82.1590

Name: NPL9-A Base Flow(cfs): 0.000 Init Stage(ft): 19.080
Group: P09 Warn Stage(ft): 22.080
Type: Stage/Area

Stage(ft)	Area(ac)
19.000	0.0000
19.500	0.0380
20.000	0.5980
20.500	1.2840
21.000	4.8650
21.500	21.1960
22.000	43.6260
22.500	55.4920
23.000	59.7110
23.500	61.0150
24.000	61.6060
24.500	62.0940
25.000	62.2420

Name: NPL9-B Base Flow(cfs): 0.000 Init Stage(ft): 19.080

Group: P09 Warn Stage(ft): 24.080
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.000	0.5490
21.500	2.1100
22.000	4.8300
22.500	18.4930
23.000	43.8820
23.500	55.0690
24.000	58.4720
24.500	59.6970
25.000	60.3170
25.500	60.4640
26.000	60.6410
26.500	60.9070

Name: NPL9-C Base Flow(cfs): 0.000 Init Stage(ft): 20.580
Group: P09 Warn Stage(ft): 23.580
Type: Stage/Area

Stage(ft)	Area(ac)
21.000	0.0000
21.500	0.1310
22.000	0.8780
22.500	3.4660
23.000	22.4070
23.500	54.9090
24.000	69.4130
24.500	75.8780
25.000	79.5920
25.500	80.8090
26.000	81.4060
26.500	81.6470
27.000	81.7620
27.500	81.9660

Name: NPL9-D Base Flow(cfs): 0.000 Init Stage(ft): 23.080
Group: P09 Warn Stage(ft): 24.080
Type: Stage/Area

Stage(ft)	Area(ac)
22.000	0.0000
22.500	0.0840
23.000	3.8620
23.500	13.5230
24.000	53.3210
24.500	69.1980
25.000	76.6050
25.500	80.4670
26.000	82.3990
26.500	83.2280
27.000	83.5260
27.500	83.5730
28.000	83.6200

Name: NPL9-E Base Flow(cfs): 0.000 Init Stage(ft): 23.500
Group: P09 Warn Stage(ft): 26.580
Type: Stage/Area

Stage(ft)	Area(ac)
22.500	0.0000
23.000	0.0010
23.500	2.1550
24.000	8.6190
24.500	23.7300
25.000	34.5730
25.500	45.4550
26.000	53.5900
26.500	61.5620

```
         27.000         70.1570
         27.500         75.6220
         28.000         79.2870
         28.500         80.9270
         29.000         81.9950
         29.500         82.4700
         30.000         82.7500
         30.500         82.8560
         31.000         82.9310
         31.500         82.9460

-------------------------------------------------------------------------------------------
      Name: NS1                 Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: STATE                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.000          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NS10                Base Flow(cfs): 0.000          Init Stage(ft): 20.080
     Group: STATE                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         21.500          0.0001
         26.500          0.0001

-------------------------------------------------------------------------------------------
      Name: NS10A               Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: STATE                                              Warn Stage(ft): 27.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         20.800          0.0001
         26.500          0.0001

-------------------------------------------------------------------------------------------
      Name: NS10N               Base Flow(cfs): 0.000          Init Stage(ft): 21.980
     Group: STATE                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.000          0.1500
         19.500          0.1670
         20.000          0.1890
         20.500          0.2150
         21.000          0.2440
         21.500          0.2780
         22.000          0.8550
         22.500          2.2090
         23.000          3.4270
         23.500          6.2750
         24.000          8.0680
         24.500          8.7850
         25.000          9.2010
         25.500          9.2920
         26.000          9.5370
         26.500          9.9980
         27.000         10.1880
         27.500         10.3190
         28.000         10.5470
         28.500         10.5730

-------------------------------------------------------------------------------------------
      Name: NS11                Base Flow(cfs): 0.000          Init Stage(ft): 20.380
     Group: STATE                                              Warn Stage(ft): 26.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
         21.800          0.0001
         26.500          0.0001

-------------------------------------------------------------------------------------------
      Name: NS12                Base Flow(cfs): 0.000          Init Stage(ft): 19.830
     Group: STATE                                              Warn Stage(ft): 26.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         21.250          0.0001
         26.500          0.0001

-------------------------------------------------------------------------------------------
      Name: NS13                Base Flow(cfs): 0.000          Init Stage(ft): 21.080
     Group: STATE                                              Warn Stage(ft): 27.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         23.000          0.0000
         23.500          0.0430
         24.000         11.9390
         24.500         23.3070
         25.000         29.3040
         25.500         32.6840
         26.000         35.1510
         26.500         36.1350
         27.000         37.5410
         27.500         39.0410
         28.000         41.1840
         28.500         41.9770

-------------------------------------------------------------------------------------------
      Name: NS14                Base Flow(cfs): 0.000          Init Stage(ft): 22.080
     Group: STATE                                              Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         23.500          0.0001
         27.500          0.0001

-------------------------------------------------------------------------------------------
      Name: NS15                Base Flow(cfs): 0.000          Init Stage(ft): 23.080
     Group: STATE                                              Warn Stage(ft): 27.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.500          0.0000
         23.000          0.3380
         23.500          1.6210
         24.000         16.6220
         24.500         38.9330
         25.000         47.5630
         25.500         53.7430
         26.000         58.4650
         26.500         61.2740
         27.000         63.0810
         27.500         64.0640
         28.000         64.6900
         28.500         64.8740
         29.000         64.9570
         29.500         65.0180

-------------------------------------------------------------------------------------------
      Name: NS1N                Base Flow(cfs): 0.000          Init Stage(ft): 21.980
     Group: STATE                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         23.000          0.0090
         23.500          0.2000
         24.000          1.0370
```

```
         24.500          1.5930
         25.000          1.9840
         25.500          2.0560
         26.000          2.0980

-------------------------------------------------------------------------------------------
      Name: NS1S                Base Flow(cfs): 0.000          Init Stage(ft): 22.380
     Group: STATE                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.000          0.0000
         22.500          0.0090
         23.000          0.0460
         23.500          0.2030
         24.000          0.5410
         24.500          0.7750
         25.000          0.8540
         25.500          1.0380

-------------------------------------------------------------------------------------------
      Name: NS2                 Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: STATE                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.100          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NS2N                Base Flow(cfs): 0.000          Init Stage(ft): 22.980
     Group: STATE                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         23.000          0.0100
         23.500          0.1600
         24.000          0.3490
         24.500          0.4110
         25.000          0.4260
         25.500          0.4280
         26.000          0.4280

-------------------------------------------------------------------------------------------
      Name: NS2S                Base Flow(cfs): 0.000          Init Stage(ft): 22.980
     Group: STATE                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.000          0.0020
         22.500          0.0100
         23.000          0.0240
         23.500          0.2110
         24.000          0.5720
         24.500          0.8760
         25.000          0.9430
         25.500          0.9910
         26.000          1.0880
         26.500          1.1600

-------------------------------------------------------------------------------------------
      Name: NS3                 Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: STATE                                              Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.200          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NS3N                Base Flow(cfs): 0.000          Init Stage(ft): 21.980
```

```
     Group: STATE                                          Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         23.500          0.5740
         24.000          1.4360
         24.500          1.9800
         25.000          2.1260
         25.500          2.1690
         26.000          2.3230

-------------------------------------------------------------------------------------
      Name: NS3S                Base Flow(cfs): 0.000          Init Stage(ft): 23.180
     Group: STATE                                            Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.500          0.0000
         23.000          0.0420
         23.500          0.1730
         24.000          0.3110
         24.500          0.5920
         25.000          0.6010
         25.500          0.6070
         26.000          0.6190
         26.500          0.6290

-------------------------------------------------------------------------------------
      Name: NS4                 Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: STATE                                            Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.300          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------
      Name: NS4N                Base Flow(cfs): 0.000          Init Stage(ft): 21.680
     Group: STATE                                            Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         23.000          0.0160
         23.500          0.1550
         24.000          0.2340
         24.500          0.2680

-------------------------------------------------------------------------------------
      Name: NS4S                Base Flow(cfs): 0.000          Init Stage(ft): 22.880
     Group: STATE                                            Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         23.000          0.0270
         23.500          0.2250
         24.000          0.5800
         24.500          0.6460

-------------------------------------------------------------------------------------
      Name: NS5                 Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: STATE                                            Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.300          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------
```

```
      Name: NS5N                Base Flow(cfs): 0.000          Init Stage(ft): 22.880
     Group: STATE                                             Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         23.000          0.0090
         23.500          0.3250
         24.000          1.3520
         24.500          2.1670
         25.000          2.4900
         25.500          2.5460

-------------------------------------------------------------------------------------
      Name: NS5S                Base Flow(cfs): 0.000          Init Stage(ft): 22.880
     Group: STATE                                             Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         23.000          0.1010
         23.500          0.3920
         24.000          0.6290
         24.500          0.7030

-------------------------------------------------------------------------------------
      Name: NS6                 Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: STATE                                             Warn Stage(ft): 24.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.400          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------
      Name: NS6N                Base Flow(cfs): 0.000          Init Stage(ft): 21.580
     Group: STATE                                             Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.000          0.0000
         22.500          0.0010
         23.000          0.0560
         23.500          0.7070
         24.000          1.7190
         24.500          2.5360
         25.000          2.6510
         25.500          2.7020
         26.000          2.7840

-------------------------------------------------------------------------------------
      Name: NS6S                Base Flow(cfs): 0.000          Init Stage(ft): 22.980
     Group: STATE                                             Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.500          0.0000
         23.000          0.0280
         23.500          0.1780
         24.000          0.5400
         24.500          0.6100
         25.000          0.6850
         25.500          0.7100

-------------------------------------------------------------------------------------
      Name: NS7S                Base Flow(cfs): 0.000          Init Stage(ft): 23.080
     Group: STATE                                             Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
         23.000          0.0760
         23.500          0.5470
         24.000          1.0500
         24.500          1.1450

-------------------------------------------------------------------------------------------
      Name: NS8S                Base Flow(cfs): 0.000          Init Stage(ft): 23.080
     Group: STATE                                              Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         22.500          0.0020
         23.000          0.0540
         23.500          0.2920
         24.000          0.6460
         24.500          0.6630

-------------------------------------------------------------------------------------------
      Name: NSDIV               Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: STATE                Plunge Factor: 1.30           Warn Stage(ft): 25.080
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------
         17.500          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NSDIVOUT            Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: STATE                Plunge Factor: 1.00           Warn Stage(ft): 25.080
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------
         17.500          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NSL1                Base Flow(cfs): 0.000          Init Stage(ft): 19.830
     Group: STATE                Plunge Factor: 1.30           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------
         18.500          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NSL2                Base Flow(cfs): 0.000          Init Stage(ft): 19.830
     Group: STATE                Plunge Factor: 1.30           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------
         19.000          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NSL3                Base Flow(cfs): 0.000          Init Stage(ft): 19.830
     Group: STATE                Plunge Factor: 1.30           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------
         19.500          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NSL4                Base Flow(cfs): 0.000          Init Stage(ft): 19.830
     Group: STATE                Plunge Factor: 1.30           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor
```

```
      Stage(ft)        Area(ac)
--------------- ---------------
         17.500          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NSL5                Base Flow(cfs): 0.000          Init Stage(ft): 19.830
     Group: STATE                Plunge Factor: 1.00           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------
         16.500          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NSL6                Base Flow(cfs): 0.000          Init Stage(ft): 19.830
     Group: STATE                Plunge Factor: 1.30           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------
         18.000          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NSL7                Base Flow(cfs): 0.000          Init Stage(ft): 21.380
     Group: STATE                Plunge Factor: 1.30           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------
         21.800          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NSL8                Base Flow(cfs): 0.000          Init Stage(ft): 21.580
     Group: STATE                Plunge Factor: 1.30           Warn Stage(ft): 24.580
      Type: Manhole, Flat Floor


      Stage(ft)        Area(ac)
--------------- ---------------
         22.000          0.0001
         26.000          0.0001

-------------------------------------------------------------------------------------------
      Name: NU-10               Base Flow(cfs): 0.000          Init Stage(ft): 11.080
     Group: LU                                                Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-100              Base Flow(cfs): 0.000          Init Stage(ft): 11.380
     Group: LU                                                Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-10A              Base Flow(cfs): 0.000          Init Stage(ft): 15.580
     Group: U01                                               Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.000          0.0000
         18.500          0.3000
         19.000          3.9080
```

```
         19.500         10.5650
         20.000         23.0550
         20.500         39.9960
         21.000         62.4300
         21.500         80.5420
         22.000         85.0380
         22.500         86.3240
         23.000         86.9930
         23.500         87.3770
         24.000         87.4770
         24.500         87.4910

-------------------------------------------------------------------------------------------
      Name: NU-10S              Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: LU                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NU-110              Base Flow(cfs): 0.000          Init Stage(ft): 11.380
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-110S             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: LU                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NU-120              Base Flow(cfs): 0.000          Init Stage(ft): 11.380
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-130              Base Flow(cfs): 0.000          Init Stage(ft): 11.380
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-130S             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: LU                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NU-140              Base Flow(cfs): 0.000          Init Stage(ft): 11.380
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
```

```
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU-150              Base Flow(cfs): 0.000          Init Stage(ft): 11.380
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU-150S             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: LU                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-----------------------------------------------------------------------------------------
      Name: NU-160              Base Flow(cfs): 0.000          Init Stage(ft): 11.480
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU-170              Base Flow(cfs): 0.000          Init Stage(ft): 11.480
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU-170S             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: LU                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-----------------------------------------------------------------------------------------
      Name: NU-180              Base Flow(cfs): 0.000          Init Stage(ft): 11.480
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU-190              Base Flow(cfs): 0.000          Init Stage(ft): 11.480
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU-190S             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: LU                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
```

```
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NU-20               Base Flow(cfs): 0.000          Init Stage(ft): 11.180
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-200              Base Flow(cfs): 0.000          Init Stage(ft): 11.480
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-205              Base Flow(cfs): 0.000          Init Stage(ft): 13.500
     Group: FJV                                                Warn Stage(ft): 30.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-20A              Base Flow(cfs): 0.000          Init Stage(ft): 15.580
     Group: U02                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.000          0.0000
         18.500          1.3590
         19.000          6.3810
         19.500         15.3380
         20.000         30.6510
         20.500         49.7480
         21.000         67.5320
         21.500         73.4430
         22.000         74.5940
         22.500         74.7450
         23.000         74.9550
         23.500         74.9840

-------------------------------------------------------------------------------------------
      Name: NU-20B              Base Flow(cfs): 0.000          Init Stage(ft): 15.580
     Group: U02                                                Warn Stage(ft): 25.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-20M1             Base Flow(cfs): 0.000          Init Stage(ft): 17.580
     Group: U02                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.000          0.0780
         17.500          0.9080
         18.000          3.7740
         18.500          7.8560
         19.000          9.2770
         19.500         10.0770
         20.000         10.3580
         20.500         10.4860
         21.000         10.5700
         21.500         10.6020
         22.000         10.6410
         22.500         10.6710
```

```
-------------------------------------------------------------------------------------------
      Name: NU-20M2             Base Flow(cfs): 0.000          Init Stage(ft): 17.580
     Group: U02                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         16.500          0.0000
         17.000          0.2960
         17.500          0.8580
         18.000          1.5930
         18.500          2.8220
         19.000          3.6090
         19.500          3.9960
         20.000          4.2720
         20.500          4.5700
         21.000          4.8080
         21.500          4.8200

-------------------------------------------------------------------------------------------
      Name: NU-210S             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: LU                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NU-230              Base Flow(cfs): 0.000          Init Stage(ft): 13.500
     Group: FJV                                                Warn Stage(ft): 30.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-235              Base Flow(cfs): 0.000          Init Stage(ft): 13.500
     Group: FJV                                                Warn Stage(ft): 30.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-30               Base Flow(cfs): 0.000          Init Stage(ft): 11.180
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-30A              Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: U03                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.500          0.0000
         18.000          0.7630
         18.500          7.6480
         19.000         17.8110
         19.500         32.7930
         20.000         53.9440
         20.500         64.8960
         21.000         66.3450
         21.500         67.0190
         22.000         67.4200
         22.500         67.4980
         23.000         67.4980

-------------------------------------------------------------------------------------------
```

```
      Name: NU-30S              Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: LU                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NU-40               Base Flow(cfs): 0.000          Init Stage(ft): 11.280
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-40A              Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: U04                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         14.500          0.0000
         17.000          0.0000
         17.500          0.6770
         18.000          4.7800
         18.500         12.9700
         19.000         23.9820
         19.500         44.6450
         20.000         63.6210
         20.500         66.8430
         21.000         67.7110
         21.500         68.1700
         22.000         68.2320
         22.500         68.2810
         23.000         68.3240
         23.500         68.3560
         24.000         68.3760
         24.500         68.3910
         25.000         68.4040
         25.500         68.4270

-------------------------------------------------------------------------------------------
      Name: NU-50               Base Flow(cfs): 0.000          Init Stage(ft): 11.280
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-50A              Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: U05                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         16.500          0.0000
         17.000          0.2410
         17.500          2.0970
         18.000          6.9030
         18.500         15.6740
         19.000         30.8710
         19.500         51.8900
         20.000         64.3490
         20.500         67.1470
         21.000         67.7380
         21.500         67.8880

-------------------------------------------------------------------------------------------
      Name: NU-50S              Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: LU                                                 Warn Stage(ft): 26.580
      Type: Time/Stage
```

```
      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NU-60               Base Flow(cfs): 0.000          Init Stage(ft): 11.280
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-60A              Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: U06                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         15.500          0.0000
         16.000          0.1430
         16.500          2.5970
         17.000          6.6240
         17.500         12.8010
         18.000         22.6680
         18.500         36.1210
         19.000         47.6600
         19.500         59.5440
         20.000         66.7750
         20.500         67.7350

-------------------------------------------------------------------------------------------
      Name: NU-70               Base Flow(cfs): 0.000          Init Stage(ft): 11.330
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-70A              Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: U07                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         14.500          0.0000
         15.000          0.0150
         15.500          0.2740
         16.000          0.8360
         16.500          2.6730
         17.000          6.3570
         17.500         12.5020
         18.000         21.2690
         18.500         32.4130
         19.000         45.1600
         19.500         53.5950
         20.000         60.2050
         20.500         65.5040
         21.000         67.7570
         21.500         68.1450

-------------------------------------------------------------------------------------------
      Name: NU-70S              Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: LU                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
```

```
      Name: NU-80               Base Flow(cfs): 0.000          Init Stage(ft): 11.330
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-80A              Base Flow(cfs): 0.000          Init Stage(ft): 13.580
     Group: U08                                                Warn Stage(ft): 22.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         12.500          0.0620
         13.000          0.0740
         13.500          0.0870
         14.000          0.1090
         14.500          0.4420
         15.000          0.9870
         15.500          1.2350
         16.000          1.5660
         16.500          2.0510
         17.000          2.9860
         17.500          4.3990
         18.000          7.6090
         18.500         22.8960
         19.000         54.4810
         19.500         70.1310
         20.000         75.5950
         20.500         77.0520
         21.000         77.7850
         21.500         78.0560
         22.000         78.2730
         22.500         78.4660
         23.000         78.7520
         23.500         78.9540
         24.000         79.0370
         24.500         79.2220
         25.000         79.3370
         25.500         79.4750

-------------------------------------------------------------------------------------------
      Name: NU-90               Base Flow(cfs): 0.000          Init Stage(ft): 11.380
     Group: LU                                                 Warn Stage(ft): 31.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU-90S              Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: LU                                                 Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000

-------------------------------------------------------------------------------------------
      Name: NU-FJV-BWPOND1      Base Flow(cfs): 0.000          Init Stage(ft): 17.500
     Group: FJV                                                Warn Stage(ft): 21.710
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.500          0.8060
         20.750          1.0300
         21.500          1.0840
         21.700          1.0990

-------------------------------------------------------------------------------------------
      Name: NU-FJV-BWPOND2      Base Flow(cfs): 0.000          Init Stage(ft): 17.500
     Group: FJV                                                Warn Stage(ft): 21.710
      Type: Stage/Area
```

Stage(ft)	Area(ac)
17.500	0.8150
20.750	1.1200
21.500	1.1500
21.700	1.2790

Name: NU-FJV-BWSWALE Base Flow(cfs): 0.000 Init Stage(ft): 17.500
Group: FJV Warn Stage(ft): 21.710
Type: Stage/Area

Stage(ft)	Area(ac)
20.500	0.0000
21.250	0.0330
22.000	0.0690

Name: NU-FJV-FOADRYA Base Flow(cfs): 0.000 Init Stage(ft): 19.300
Group: FJV Warn Stage(ft): 23.500
Type: Stage/Area

Stage(ft)	Area(ac)
19.300	3.4000
19.800	3.7000
20.300	4.0100
20.800	4.3200
21.300	4.6300
21.800	4.7500
22.300	4.7500
22.800	4.7500
23.300	4.7500
23.800	4.7500
24.300	4.7500

Name: NU-FJV-FOADRYB Base Flow(cfs): 0.000 Init Stage(ft): 19.300
Group: FJV Warn Stage(ft): 23.500
Type: Stage/Area

Stage(ft)	Area(ac)
19.300	11.1400
19.800	11.5800
20.300	12.0200
20.800	12.4700
21.300	12.9200
21.800	13.0900
22.300	13.0900
22.800	13.0900
23.300	13.0900
23.800	13.0900
24.300	13.0900

Name: NU-FJV-FOAWETA Base Flow(cfs): 0.000 Init Stage(ft): 18.300
Group: FJV Warn Stage(ft): 23.500
Type: Stage/Area

Stage(ft)	Area(ac)
18.300	1.9900
18.800	2.0600
19.300	2.1300
19.800	2.2100
20.300	2.2900
20.800	2.3700
21.300	2.4400
21.800	2.4800
22.300	2.4800
22.800	2.4800
23.300	2.4800

```
-------------------------------------------------------------------------------------------
      Name: NU-FJV-FOAWETB      Base Flow(cfs): 0.000          Init Stage(ft): 18.300
     Group: FJV                                                Warn Stage(ft): 23.500
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.300          3.5900
         18.800          3.7700
         19.300          3.9700
         19.800          4.1600
         20.300          4.3500
         20.800          4.5500
         21.300          4.7400
         21.800          4.8200
         22.300          4.8200
         22.800          4.8200
         23.300          4.8200
         23.800          4.8200
         24.300          4.8200

-------------------------------------------------------------------------------------------
      Name: NU-FJVN             Base Flow(cfs): 0.000          Init Stage(ft): 18.500
     Group: FJV                                                Warn Stage(ft): 30.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.000          0.0000
         17.500          0.8370
         18.000          1.5450
         18.500          6.9450
         19.000          9.5010
         19.500         44.3950
         20.000         85.2870
         20.500        358.3280
         21.000        430.2190
         21.500        641.5580
         22.000        674.2000
         22.500        770.6540
         23.000        776.7260
         23.500        794.5570
         24.000        796.6000
         24.500        803.4380
         25.000        804.4250
         25.500        807.8700
         26.000        808.2510
         26.500        810.2510
         27.000        810.3530
         27.500        810.4640
         28.000        810.5580
         28.500        810.6820
         29.000        810.7620
         29.500        811.1040
         30.000        811.1240
         30.500        811.2660

-------------------------------------------------------------------------------------------
      Name: NU-FJVS             Base Flow(cfs): 0.000          Init Stage(ft): 16.500
     Group: FJV                                                Warn Stage(ft): 30.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         13.500          3.5600
         14.000          3.8910
         14.500          4.2230
         15.000          4.4230
         15.500          5.1360
         16.000          5.4960
         16.500         14.2010
         17.000         15.2740
         17.500         18.6740
         18.000         20.1030
         18.500         24.7650
         19.000         26.9600
         19.500         52.1420
         20.000         88.1380
         20.500        392.6050
         21.000        516.5440
```

21.500	987.1630
22.000	1045.0960
22.500	1138.1040
23.000	1145.5650
23.500	1159.8960
24.000	1162.5930
24.500	1168.0410
25.000	1168.6100
25.500	1169.4350
26.000	1169.5810
26.500	1169.7090
27.000	1169.8080
27.500	1169.9960
28.000	1170.0620
28.500	1170.1420
29.000	1170.1700
29.500	1170.2110
30.000	1170.2110
30.500	1170.2110

Name: NU09-A Base Flow(cfs): 0.000 Init Stage(ft): 18.580
Group: U09 Warn Stage(ft): 19.580
Type: Stage/Area

Stage(ft)	Area(ac)
16.000	0.0000
16.500	0.4050
17.000	1.8560
17.500	4.1780
18.000	14.3880
18.500	41.3340
19.000	57.5160
19.500	60.4780
20.000	61.3710
20.500	62.0210
21.000	62.6300
21.500	62.9030
22.000	63.1240

Name: NU09-B Base Flow(cfs): 0.000 Init Stage(ft): 18.580
Group: U09 Warn Stage(ft): 19.580
Type: Stage/Area

Stage(ft)	Area(ac)
16.500	0.0000
17.000	0.6140
17.500	2.3570
18.000	4.0480
18.500	10.9550
19.000	40.6390
19.500	59.5600
20.000	61.6130
20.500	63.1870
21.000	63.8540
21.500	64.1510
22.000	64.3160
22.500	64.4640
23.000	64.7810
23.500	65.0650

Name: NU09-C Base Flow(cfs): 0.000 Init Stage(ft): 19.080
Group: U09 Warn Stage(ft): 20.080
Type: Stage/Area

Stage(ft)	Area(ac)
17.000	0.0000
17.500	0.0510
18.000	0.8440
18.500	2.3840
19.000	13.1520
19.500	47.8760
20.000	60.7820
20.500	62.8540
21.000	63.8400

```
         21.500         64.0310
         22.000         64.1690
         22.500         64.2850
         23.000         64.3980
         23.500         64.5070
         24.000         64.6060
         24.500         65.0620

-------------------------------------------------------------------------------------------
      Name: NU09-D              Base Flow(cfs): 0.000          Init Stage(ft): 15.580
     Group: U09                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.500          0.0000
         19.000          1.6360
         19.500          6.7990
         20.000         26.8490
         20.500         44.2700
         21.000         56.2400
         21.500         59.5510
         22.000         60.9720
         22.500         62.2800
         23.000         62.9730
         23.500         63.3670
         24.000         63.8140
         24.500         63.9620
         25.000         64.0090

-------------------------------------------------------------------------------------------
      Name: NU09A01             Base Flow(cfs): 0.000          Init Stage(ft): 11.380
     Group: U09                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09A03             Base Flow(cfs): 0.000          Init Stage(ft): 11.710
     Group: U09                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09A05             Base Flow(cfs): 0.000          Init Stage(ft): 13.490
     Group: U09                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09A09             Base Flow(cfs): 0.000          Init Stage(ft): 13.710
     Group: U09                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09A13             Base Flow(cfs): 0.000          Init Stage(ft): 13.980
     Group: U09                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09B01             Base Flow(cfs): 0.000          Init Stage(ft): 14.250
     Group: U09                                                Warn Stage(ft): 19.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09B05             Base Flow(cfs): 0.000          Init Stage(ft): 14.520
     Group: U09                                              Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09B10             Base Flow(cfs): 0.000          Init Stage(ft): 14.790
     Group: U09                                              Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09C01             Base Flow(cfs): 0.000          Init Stage(ft): 15.060
     Group: U09                                              Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09C05             Base Flow(cfs): 0.000          Init Stage(ft): 15.330
     Group: U09                                              Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09C09             Base Flow(cfs): 0.000          Init Stage(ft): 15.330
     Group: U09                                              Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09C11             Base Flow(cfs): 0.000          Init Stage(ft): 15.570
     Group: U09                                              Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09D01             Base Flow(cfs): 0.000          Init Stage(ft): 16.950
     Group: U09                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU09D05             Base Flow(cfs): 0.000          Init Stage(ft): 17.280
     Group: U09                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NU10-A              Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: U10                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         15.500          0.0000
         16.000          0.0460
         16.500          2.0700
         17.000          4.5390
         17.500         10.8550
         18.000         30.6300
         18.500         51.6380
         19.000         60.0210
         19.500         60.8860
         20.000         61.5510
         20.500         62.1040
         21.000         62.4310
         21.500         62.6290
         22.000         62.8150
         22.500         62.8410
         23.000         62.8730
         23.500         62.8850
         24.000         62.8900

-------------------------------------------------------------------------------------------
      Name: NU10-B              Base Flow(cfs): 0.000          Init Stage(ft): 18.580
     Group: U10                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.000          0.0000
         17.500          0.6470
         18.000          3.1450
         18.500         25.6620
         19.000         56.1660
         19.500         64.2660
         20.000         65.1380

-------------------------------------------------------------------------------------------
      Name: NU10-C              Base Flow(cfs): 0.000          Init Stage(ft): 19.080
     Group: U10                                                Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.500          0.0000
         18.000          0.4520
         18.500          1.5910
         19.000         31.5150
         19.500         59.9750
         20.000         63.9780
         20.500         64.8690
         21.000         65.1350

-------------------------------------------------------------------------------------------
      Name: NU10-D              Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: U10                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.500          0.0000
         19.000          1.0990
         19.500          5.3160
         20.000         22.5580
         20.500         43.7670
         21.000         55.0630
         21.500         58.6310
         22.000         60.2430
         22.500         61.5090
         23.000         62.4980
         23.500         63.2260
         24.000         63.6570
         24.500         63.9940
         25.000         64.0420
```

```
         25.500         64.1040

-------------------------------------------------------------------------------------------
      Name: NU10A01             Base Flow(cfs): 0.000          Init Stage(ft): 11.210
     Group: U10                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10A03             Base Flow(cfs): 0.000          Init Stage(ft): 11.690
     Group: U10                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10A05             Base Flow(cfs): 0.000          Init Stage(ft): 12.430
     Group: U10                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10A09             Base Flow(cfs): 0.000          Init Stage(ft): 12.480
     Group: U10                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10A13             Base Flow(cfs): 0.000          Init Stage(ft): 12.550
     Group: U10                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10B01             Base Flow(cfs): 0.000          Init Stage(ft): 12.620
     Group: U10                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10B05             Base Flow(cfs): 0.000          Init Stage(ft): 12.690
     Group: U10                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10B10             Base Flow(cfs): 0.000          Init Stage(ft): 13.010
     Group: U10                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10C01             Base Flow(cfs): 0.000          Init Stage(ft): 14.020
     Group: U10                                                Warn Stage(ft): 20.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10C05             Base Flow(cfs): 0.000          Init Stage(ft): 15.030
     Group: U10                                              Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10C10             Base Flow(cfs): 0.000          Init Stage(ft): 16.050
     Group: U10                                              Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10D01             Base Flow(cfs): 0.000          Init Stage(ft): 17.060
     Group: U10                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU10D05             Base Flow(cfs): 0.000          Init Stage(ft): 17.680
     Group: U10                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11-A              Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: U11                                              Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         16.000          0.0000
         16.500          0.5650
         17.000          2.0940
         17.500          8.7560
         18.000         33.8970
         18.500         56.0050
         19.000         60.4780
         19.500         61.2530
         20.000         61.6680
         20.500         61.8430
         21.000         61.9070
         21.500         61.9370
         22.000         61.9550
         22.500         61.9620
         23.000         61.9650
         23.500         61.9650

-------------------------------------------------------------------------------------------
      Name: NU11-B              Base Flow(cfs): 0.000          Init Stage(ft): 18.580
     Group: U11                                              Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         16.000          0.0000
         16.500          0.1300
         17.000          1.1800
         17.500          3.5010
         18.000          6.4240
```

```
         18.500         30.5990
         19.000         58.7950
         19.500         63.0580
         20.000         63.8300
         20.500         64.0360

-------------------------------------------------------------------------------------------
      Name: NU11-C              Base Flow(cfs): 0.000          Init Stage(ft): 18.580
     Group: U11                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.000          0.0000
         18.500          1.5540
         19.000         14.3550
         19.500         54.2140
         20.000         62.3990
         20.500         63.4070
         21.000         64.1420
         21.500         64.1990

-------------------------------------------------------------------------------------------
      Name: NU11-D              Base Flow(cfs): 0.000          Init Stage(ft): 17.080
     Group: U11                                                Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.500          0.0000
         19.000          0.8890
         19.500          6.4680
         20.000         22.8040
         20.500         48.2920
         21.000         57.9570
         21.500         60.3990
         22.000         61.1390
         22.500         61.6080
         23.000         61.9050
         23.500         62.2570
         24.000         62.5560
         24.500         62.8740
         25.000         63.0540
         25.500         63.0960
         26.000         63.0990
         26.500         63.1140

-------------------------------------------------------------------------------------------
      Name: NU11A01             Base Flow(cfs): 0.000          Init Stage(ft): 11.390
     Group: U11                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11A03             Base Flow(cfs): 0.000          Init Stage(ft): 11.790
     Group: U11                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11A07             Base Flow(cfs): 0.000          Init Stage(ft): 12.250
     Group: U11                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11A13             Base Flow(cfs): 0.000          Init Stage(ft): 12.730
     Group: U11                                                Warn Stage(ft): 19.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11B01             Base Flow(cfs): 0.000          Init Stage(ft): 13.200
     Group: U11                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11B05             Base Flow(cfs): 0.000          Init Stage(ft): 13.680
     Group: U11                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11B10             Base Flow(cfs): 0.000          Init Stage(ft): 14.350
     Group: U11                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11C01             Base Flow(cfs): 0.000          Init Stage(ft): 15.850
     Group: U11                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11C03             Base Flow(cfs): 0.000          Init Stage(ft): 16.670
     Group: U11                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11C07             Base Flow(cfs): 0.000          Init Stage(ft): 16.670
     Group: U11                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11C13             Base Flow(cfs): 0.000          Init Stage(ft): 16.670
     Group: U11                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU11D01             Base Flow(cfs): 0.000          Init Stage(ft): 16.670
     Group: U11                                                Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NU11D05             Base Flow(cfs): 0.000          Init Stage(ft): 16.670
     Group: U11                                                Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU12-A              Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: U12                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         16.000          0.0000
         16.500          0.3050
         17.000          0.9990
         17.500          2.5320
         18.000         10.7390
         18.500         31.7120
         19.000         58.6970
         19.500         62.4470
         20.000         63.0680
         20.500         63.4800
         21.000         64.1980
         21.500         64.3730
         22.000         64.4370
         22.500         64.5020
         23.000         64.5920
         23.500         64.6060
         24.000         64.6150

-------------------------------------------------------------------------------------------
      Name: NU12-B              Base Flow(cfs): 0.000          Init Stage(ft): 16.580
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.000          0.0000
         17.500          1.5710
         18.000          3.6990
         18.500         15.7680
         19.000         50.4230
         19.500         60.8060
         20.000         63.5330
         20.500         64.9860
         21.000         65.4060
         21.500         65.6330
         22.000         65.9500
         22.500         66.3510
         23.000         66.3910
         23.500         66.4760
         24.000         66.4830
         24.500         66.4910
         25.000         66.4980
         25.500         66.5060
         26.000         66.5130
         26.500         66.5210
         27.000         66.5290
         27.500         66.5590

-------------------------------------------------------------------------------------------
      Name: NU12-C              Base Flow(cfs): 0.000          Init Stage(ft): 16.580
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.000          0.0000
         17.500          1.2110
         18.000          2.6220
         18.500          3.6360
         19.000          9.8580
         19.500         30.5960
         20.000         52.1210
         20.500         59.7170
         21.000         63.1520
```

```
         21.500         64.9220
         22.000         65.3050
         22.500         65.7310
         23.000         65.8870
         23.500         66.0250
         24.000         66.4130

-------------------------------------------------------------------------------------------
      Name: NU12-D              Base Flow(cfs): 0.000          Init Stage(ft): 17.580
     Group: U12                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.000          0.0000
         18.500          0.2670
         19.000          0.8580
         19.500          2.5060
         20.000         13.3840
         20.500         34.0030
         21.000         54.0710
         21.500         59.9570
         22.000         61.5240
         22.500         62.3810
         23.000         63.2040
         23.500         64.0250
         24.000         64.5160
         24.500         64.7800
         25.000         64.8930
         25.500         64.9080
         26.000         64.9310

-------------------------------------------------------------------------------------------
      Name: NU12A01             Base Flow(cfs): 0.000          Init Stage(ft): 13.930
     Group: U12                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU12A03             Base Flow(cfs): 0.000          Init Stage(ft): 14.570
     Group: U12                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU12A05             Base Flow(cfs): 0.000          Init Stage(ft): 14.570
     Group: U12                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU12A09             Base Flow(cfs): 0.000          Init Stage(ft): 14.570
     Group: U12                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU12A13             Base Flow(cfs): 0.000          Init Stage(ft): 14.570
     Group: U12                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU12B01             Base Flow(cfs): 0.000          Init Stage(ft): 14.570
```

```
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU12B05             Base Flow(cfs): 0.000          Init Stage(ft): 14.570
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU12B10             Base Flow(cfs): 0.000          Init Stage(ft): 15.130
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU12C01             Base Flow(cfs): 0.000          Init Stage(ft): 16.580
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU12C03             Base Flow(cfs): 0.000          Init Stage(ft): 16.580
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU12C05             Base Flow(cfs): 0.000          Init Stage(ft): 16.590
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU12C07             Base Flow(cfs): 0.000          Init Stage(ft): 16.800
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU12C09             Base Flow(cfs): 0.000          Init Stage(ft): 16.800
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU12C11             Base Flow(cfs): 0.000          Init Stage(ft): 17.060
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
```

```
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU12C13             Base Flow(cfs): 0.000          Init Stage(ft): 17.200
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU12C15             Base Flow(cfs): 0.000          Init Stage(ft): 17.200
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU12C17             Base Flow(cfs): 0.000          Init Stage(ft): 17.230
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU12C19             Base Flow(cfs): 0.000          Init Stage(ft): 17.470
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU12C21             Base Flow(cfs): 0.000          Init Stage(ft): 17.470
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU12C23             Base Flow(cfs): 0.000          Init Stage(ft): 17.470
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU12C25             Base Flow(cfs): 0.000          Init Stage(ft): 17.500
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU12C27             Base Flow(cfs): 0.000          Init Stage(ft): 17.660
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU12C29             Base Flow(cfs): 0.000          Init Stage(ft): 17.660
     Group: U12                                                Warn Stage(ft): 19.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU12C31             Base Flow(cfs): 0.000          Init Stage(ft): 17.660
     Group: U12                                              Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU12D01             Base Flow(cfs): 0.000          Init Stage(ft): 18.360
     Group: U12                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU12D05             Base Flow(cfs): 0.000          Init Stage(ft): 18.360
     Group: U12                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU12D10             Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: U12                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU13-A              Base Flow(cfs): 0.000          Init Stage(ft): 18.580
     Group: U13                                              Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         14.500          0.0000
         15.000          0.1100
         15.500          0.4820
         16.000          0.9570
         16.500          1.6500
         17.000          3.6000
         17.500          5.9120
         18.000          8.9210
         18.500         18.7670
         19.000         48.0580
         19.500         58.9210
         20.000         60.0120
         20.500         60.6480
         21.000         61.1860
         21.500         61.5770
         22.000         62.0100
         22.500         62.5200
         23.000         62.8720
         23.500         63.0680
         24.000         63.2310
         24.500         63.3450
         25.000         63.3650
         25.500         63.3670
         26.000         63.3790

-------------------------------------------------------------------------------------------
      Name: NU13-B              Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: U13                                              Warn Stage(ft): 19.080
      Type: Stage/Area
```

Stage(ft)	Area(ac)
16.000	0.0000
16.500	0.0050
17.000	0.3310
17.500	0.7980
18.000	3.9970
18.500	6.6770
19.000	21.1130
19.500	56.1560
20.000	59.7060
20.500	60.6370
21.000	61.5130
21.500	62.0090
22.000	62.5520
22.500	62.9800
23.000	63.2750
23.500	63.6560
24.000	64.0890
24.500	64.4250
25.000	64.5710
25.500	64.6310

Name: NU13-C Base Flow(cfs): 0.000 Init Stage(ft): 17.580
Group: U13 Warn Stage(ft): 20.580
Type: Stage/Area

Stage(ft)	Area(ac)
17.000	0.0000
17.500	0.6880
18.000	1.5630
18.500	3.1330
19.000	4.8430
19.500	12.8970
20.000	33.6780
20.500	52.2280
21.000	58.5900
21.500	60.0510
22.000	60.6910
22.500	61.4880
23.000	61.8780
23.500	62.1660
24.000	62.4650
24.500	62.9220
25.000	63.2630
25.500	63.4620
26.000	63.5340
26.500	63.6890
27.000	63.6950

Name: NU13-D Base Flow(cfs): 0.000 Init Stage(ft): 17.580
Group: U13 Warn Stage(ft): 20.580
Type: Stage/Area

Stage(ft)	Area(ac)
14.000	0.0000
14.500	0.1800
15.000	0.3780
15.500	0.8620
16.000	1.0590
16.500	1.4790
17.000	1.7540
17.500	2.0350
18.000	2.7300
18.500	3.6510
19.000	5.0040
19.500	6.7280
20.000	11.3270
20.500	24.3630
21.000	46.3210
21.500	56.4680
22.000	59.6080
22.500	61.0190
23.000	62.0970
23.500	63.1620
24.000	63.6860
24.500	64.1310

```
         25.000         64.4450
         25.500         64.6250
         26.000         64.6490
         26.500         64.6850
         27.000         64.7380

-------------------------------------------------------------------------------------------
      Name: NU13A01             Base Flow(cfs): 0.000          Init Stage(ft): 11.210
     Group: U13                                                Warn Stage(ft): 19.580
      Type: Stage/Area



      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU13A03             Base Flow(cfs): 0.000          Init Stage(ft): 11.840
     Group: U13                                                Warn Stage(ft): 19.580
      Type: Stage/Area



      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU13A05             Base Flow(cfs): 0.000          Init Stage(ft): 11.840
     Group: U13                                                Warn Stage(ft): 19.580
      Type: Stage/Area



      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU13A09             Base Flow(cfs): 0.000          Init Stage(ft): 11.840
     Group: U13                                                Warn Stage(ft): 19.580
      Type: Stage/Area



      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU13A13             Base Flow(cfs): 0.000          Init Stage(ft): 12.810
     Group: U13                                                Warn Stage(ft): 19.580
      Type: Stage/Area



      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU13A17             Base Flow(cfs): 0.000          Init Stage(ft): 13.860
     Group: U13                                                Warn Stage(ft): 19.580
      Type: Stage/Area



      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU13A19             Base Flow(cfs): 0.000          Init Stage(ft): 13.860
     Group: U13                                                Warn Stage(ft): 19.580
      Type: Stage/Area



      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU13B01             Base Flow(cfs): 0.000          Init Stage(ft): 13.860
     Group: U13                                                Warn Stage(ft): 19.080
      Type: Stage/Area



      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------
      Name: NU13B03             Base Flow(cfs): 0.000          Init Stage(ft): 13.860
     Group: U13                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU13B07             Base Flow(cfs): 0.000          Init Stage(ft): 13.860
     Group: U13                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU13B09             Base Flow(cfs): 0.000          Init Stage(ft): 13.860
     Group: U13                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU13B11             Base Flow(cfs): 0.000          Init Stage(ft): 13.860
     Group: U13                                                Warn Stage(ft): 19.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU13C01             Base Flow(cfs): 0.000          Init Stage(ft): 13.860
     Group: U13                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU13C05             Base Flow(cfs): 0.000          Init Stage(ft): 14.180
     Group: U13                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU13C10             Base Flow(cfs): 0.000          Init Stage(ft): 15.190
     Group: U13                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU13D01             Base Flow(cfs): 0.000          Init Stage(ft): 16.190
     Group: U13                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU14-A              Base Flow(cfs): 0.000          Init Stage(ft): 18.580
     Group: U14                                                Warn Stage(ft): 19.580
      Type: Stage/Area
```

Stage(ft)	Area(ac)
17.000	0.0000
17.500	1.8680
18.000	5.2560
18.500	24.3620
19.000	50.6880
19.500	59.0260
20.000	59.7580
20.500	60.1800
21.000	60.5740
21.500	60.9410
22.000	61.1900
22.500	61.2740
23.000	61.3800
23.500	61.4700
24.000	61.5230
24.500	61.5640
25.000	61.6040
25.500	61.6610
26.000	61.6670

Name: NU14-B Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: U14 Warn Stage(ft): 20.580
Type: Stage/Area

Stage(ft)	Area(ac)
17.500	0.0000
18.000	0.3810
18.500	1.9430
19.000	13.6370
19.500	44.4530
20.000	61.8270
20.500	62.4760
21.000	62.9970
21.500	63.4780
22.000	63.7370
22.500	63.7820

Name: NU14-C Base Flow(cfs): 0.000 Init Stage(ft): 18.580
Group: U14 Warn Stage(ft): 21.580
Type: Stage/Area

Stage(ft)	Area(ac)
17.500	0.0000
18.000	0.2350
18.500	0.5600
19.000	1.4280
19.500	5.3380
20.000	18.9470
20.500	42.9960
21.000	56.0450
21.500	59.7300
22.000	61.5130
22.500	62.3450
23.000	62.7200
23.500	63.3720
24.000	63.8290
24.500	64.1670

Name: NU14-D Base Flow(cfs): 0.000 Init Stage(ft): 19.080
Group: U14 Warn Stage(ft): 22.080
Type: Stage/Area

Stage(ft)	Area(ac)
18.000	0.0000
18.500	0.2880
19.000	0.7590
19.500	1.2400
20.000	2.8020
20.500	12.7580
21.000	39.9890
21.500	53.8870

```
         22.000         57.2760
         22.500         59.6210
         23.000         60.6890
         23.500         61.6900
         24.000         62.2300
         24.500         62.7600
         25.000         62.9500

-------------------------------------------------------------------------------------------
      Name: NU14A03             Base Flow(cfs): 0.000          Init Stage(ft): 13.690
     Group: U14                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14A05             Base Flow(cfs): 0.000          Init Stage(ft): 14.370
     Group: U14                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14A09             Base Flow(cfs): 0.000          Init Stage(ft): 14.370
     Group: U14                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14A13             Base Flow(cfs): 0.000          Init Stage(ft): 14.370
     Group: U14                                                Warn Stage(ft): 19.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14B01             Base Flow(cfs): 0.000          Init Stage(ft): 14.370
     Group: U14                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14B03             Base Flow(cfs): 0.000          Init Stage(ft): 14.410
     Group: U14                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14B07             Base Flow(cfs): 0.000          Init Stage(ft): 14.410
     Group: U14                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14B13             Base Flow(cfs): 0.000          Init Stage(ft): 14.410
     Group: U14                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
```

```
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU14B15             Base Flow(cfs): 0.000          Init Stage(ft): 16.060
     Group: U14                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU14B17             Base Flow(cfs): 0.000          Init Stage(ft): 16.060
     Group: U14                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU14C01             Base Flow(cfs): 0.000          Init Stage(ft): 16.560
     Group: U14                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU14C03             Base Flow(cfs): 0.000          Init Stage(ft): 16.630
     Group: U14                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU14C05             Base Flow(cfs): 0.000          Init Stage(ft): 16.630
     Group: U14                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU14C07             Base Flow(cfs): 0.000          Init Stage(ft): 16.630
     Group: U14                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU14C09             Base Flow(cfs): 0.000          Init Stage(ft): 16.630
     Group: U14                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU14C11             Base Flow(cfs): 0.000          Init Stage(ft): 16.900
     Group: U14                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-----------------------------------------------------------------------------------------
      Name: NU14C15             Base Flow(cfs): 0.000          Init Stage(ft): 16.900
     Group: U14                                                Warn Stage(ft): 21.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14C17             Base Flow(cfs): 0.000          Init Stage(ft): 16.900
     Group: U14                                              Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14C19             Base Flow(cfs): 0.000          Init Stage(ft): 16.900
     Group: U14                                              Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14C21             Base Flow(cfs): 0.000          Init Stage(ft): 16.900
     Group: U14                                              Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14D01             Base Flow(cfs): 0.000          Init Stage(ft): 17.310
     Group: U14                                              Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14D03             Base Flow(cfs): 0.000          Init Stage(ft): 17.790
     Group: U14                                              Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU14D07             Base Flow(cfs): 0.000          Init Stage(ft): 17.790
     Group: U14                                              Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15-A              Base Flow(cfs): 0.000          Init Stage(ft): 17.580
     Group: U15                                              Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.000          0.0000
         17.500          0.7990
         18.000          1.9980
         18.500          4.3220
         19.000         14.2700
         19.500         46.1910
         20.000         57.8830
         20.500         60.8410
         21.000         61.6200
         21.500         62.0070
         22.000         62.1710
```

22.500	62.3700
23.000	62.5480
23.500	62.8620
24.000	62.9170
24.500	62.9590
25.000	63.0210
25.500	63.0750
26.000	63.0830

Name: NU15-B Base Flow(cfs): 0.000 Init Stage(ft): 18.080
Group: U15 Warn Stage(ft): 21.080
Type: Stage/Area

Stage(ft)	Area(ac)
16.500	0.0000
17.000	0.0920
17.500	0.7340
18.000	1.0880
18.500	1.6330
19.000	2.7640
19.500	15.4230
20.000	46.1770
20.500	58.5980
21.000	61.0810
21.500	62.4390
22.000	63.0570
22.500	63.4190
23.000	63.8920
23.500	64.2020
24.000	64.8820
24.500	65.0300
25.000	65.3240
25.500	65.3320
26.000	65.3470
26.500	65.3510
27.000	65.3540
27.500	65.3630

Name: NU15-C Base Flow(cfs): 0.000 Init Stage(ft): 18.080
Group: U15 Warn Stage(ft): 21.080
Type: Stage/Area

Stage(ft)	Area(ac)
17.500	0.0000
18.000	0.2870
18.500	0.7520
19.000	1.8540
19.500	5.2960
20.000	34.7210
20.500	54.0880
21.000	62.0290
21.500	63.9210
22.000	64.6160
22.500	64.9840
23.000	65.2510
23.500	65.3810
24.000	65.6580
24.500	65.6800
25.000	65.6950
25.500	65.7110
26.000	65.7370
26.500	65.7620
27.000	65.7680
27.500	65.8060

Name: NU15-D Base Flow(cfs): 0.000 Init Stage(ft): 18.580
Group: U15 Warn Stage(ft): 21.580
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	0.4030
20.500	8.7920
21.000	36.0760

```
         21.500         51.1270
         22.000         58.4660
         22.500         61.7880
         23.000         62.4450
         23.500         62.7740
         24.000         63.0910
         24.500         63.4130
         25.000         63.8950
         25.500         64.2150
         26.000         64.2950

-------------------------------------------------------------------------------------------
      Name: NU15A01             Base Flow(cfs): 0.000          Init Stage(ft): 13.100
     Group: U15                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15A03             Base Flow(cfs): 0.000          Init Stage(ft): 14.280
     Group: U15                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15A07             Base Flow(cfs): 0.000          Init Stage(ft): 14.280
     Group: U15                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15A13             Base Flow(cfs): 0.000          Init Stage(ft): 14.280
     Group: U15                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15A17             Base Flow(cfs): 0.000          Init Stage(ft): 14.280
     Group: U15                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15A19             Base Flow(cfs): 0.000          Init Stage(ft): 14.280
     Group: U15                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15B01             Base Flow(cfs): 0.000          Init Stage(ft): 14.330
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15B05             Base Flow(cfs): 0.000          Init Stage(ft): 14.700
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15B07             Base Flow(cfs): 0.000          Init Stage(ft): 14.700
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15B09             Base Flow(cfs): 0.000          Init Stage(ft): 15.080
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15B11             Base Flow(cfs): 0.000          Init Stage(ft): 15.080
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15B13             Base Flow(cfs): 0.000          Init Stage(ft): 15.080
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15B15             Base Flow(cfs): 0.000          Init Stage(ft): 15.080
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15B17             Base Flow(cfs): 0.000          Init Stage(ft): 15.080
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15C01             Base Flow(cfs): 0.000          Init Stage(ft): 15.080
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15C05             Base Flow(cfs): 0.000          Init Stage(ft): 15.150
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NU15C07             Base Flow(cfs): 0.000          Init Stage(ft): 15.120
     Group: U15                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15C09             Base Flow(cfs): 0.000          Init Stage(ft): 15.620
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15C11             Base Flow(cfs): 0.000          Init Stage(ft): 15.620
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15C13             Base Flow(cfs): 0.000          Init Stage(ft): 15.620
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15C15             Base Flow(cfs): 0.000          Init Stage(ft): 15.680
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15C19             Base Flow(cfs): 0.000          Init Stage(ft): 16.610
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15C21             Base Flow(cfs): 0.000          Init Stage(ft): 17.330
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15C23             Base Flow(cfs): 0.000          Init Stage(ft): 17.390
     Group: U15                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU15D01             Base Flow(cfs): 0.000          Init Stage(ft): 18.080
     Group: U15                                                Warn Stage(ft): 21.580
      Type: Stage/Area
```

Stage(ft)	Area(ac)

Name: NU15D05 Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: U15 Warn Stage(ft): 21.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NU16-A Base Flow(cfs): 0.000 Init Stage(ft): 17.580
Group: U16 Warn Stage(ft): 20.580
Type: Stage/Area

Stage(ft)	Area(ac)
17.000	0.0000
17.500	0.1120
18.000	0.5110
18.500	1.0340
19.000	9.5930
19.500	41.9350
20.000	59.1470
20.500	60.8580
21.000	61.4230
21.500	61.9860
22.000	62.2100
22.500	62.3040
23.000	62.4160
23.500	62.6280
24.000	62.6860
24.500	62.7130
25.000	62.7310
25.500	62.7330

Name: NU16-B Base Flow(cfs): 0.000 Init Stage(ft): 17.580
Group: U16 Warn Stage(ft): 20.580
Type: Stage/Area

Stage(ft)	Area(ac)
17.500	0.0000
18.000	0.5350
18.500	1.3270
19.000	3.4620
19.500	23.1110
20.000	44.9910
20.500	60.0780
21.000	62.9480
21.500	63.4930
22.000	63.8990
22.500	64.1170
23.000	64.3420
23.500	64.7470
24.000	64.9050

Name: NU16-C Base Flow(cfs): 0.000 Init Stage(ft): 17.580
Group: U16 Warn Stage(ft): 20.580
Type: Stage/Area

Stage(ft)	Area(ac)
18.000	0.0000
18.500	0.4710
19.000	2.3580
19.500	4.7050
20.000	28.7830
20.500	51.1840
21.000	60.2900
21.500	62.3290
22.000	63.3320
22.500	63.7420
23.000	64.0550
23.500	64.7550

```
         24.000         64.9750
         24.500         65.1530

-------------------------------------------------------------------------------------------
      Name: NU16-D              Base Flow(cfs): 0.000          Init Stage(ft): 18.580
     Group: U16                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.500          0.0000
         18.000          0.1430
         18.500          0.6220
         19.000          1.1700
         19.500          1.6920
         20.000          2.7020
         20.500         11.6590
         21.000         41.2730
         21.500         56.1410
         22.000         60.8120
         22.500         62.6820
         23.000         63.3520
         23.500         63.7200
         24.000         64.0720
         24.500         64.5330
         25.000         64.6570
         25.500         64.8660

-------------------------------------------------------------------------------------------
      Name: NU16A01             Base Flow(cfs): 0.000          Init Stage(ft): 15.700
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16A03             Base Flow(cfs): 0.000          Init Stage(ft): 15.700
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16A05             Base Flow(cfs): 0.000          Init Stage(ft): 15.700
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16A07             Base Flow(cfs): 0.000          Init Stage(ft): 16.050
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16A11             Base Flow(cfs): 0.000          Init Stage(ft): 16.800
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16A13             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16A15             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16B01             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16B05             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16B07             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16B11             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16B13             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16B15             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16B17             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU16C01             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
```

```
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU16C03             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU16C05             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU16C07             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU16C09             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU16C11             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU16C15             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU16D01             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU16D03             Base Flow(cfs): 0.000          Init Stage(ft): 17.070
     Group: U16                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
```

--- ---

Name: NU16D05 Base Flow(cfs): 0.000 Init Stage(ft): 17.150
Group: U16 Warn Stage(ft): 21.580
Type: Stage/Area

Stage(ft)	Area(ac)

Name: NU17-A Base Flow(cfs): 0.000 Init Stage(ft): 20.080
Group: U17 Warn Stage(ft): 21.080
Type: Stage/Area

Stage(ft)	Area(ac)
18.500	0.0000
19.000	0.2420
19.500	8.1440
20.000	26.9880
20.500	50.1580
21.000	59.7110
21.500	60.9060
22.000	61.6750
22.500	62.7350
23.000	63.2120
23.500	63.3070
24.000	63.3480
24.500	63.3930
25.000	63.4350
25.500	63.4780
26.000	63.5160
26.500	63.5380
27.000	63.5460
27.500	63.5490
28.000	63.5530
28.500	63.5670

Name: NU17-B Base Flow(cfs): 0.000 Init Stage(ft): 18.080
Group: U17 Warn Stage(ft): 21.080
Type: Stage/Area

Stage(ft)	Area(ac)
18.000	0.0000
18.500	0.0960
19.000	1.1590
19.500	9.1380
20.000	32.5260
20.500	52.0350
21.000	61.6030
21.500	64.0400
22.000	65.0890
22.500	65.8830
23.000	65.9850
23.500	66.0070
24.000	66.0480
24.500	66.0680

Name: NU17-C Base Flow(cfs): 0.000 Init Stage(ft): 20.080
Group: U17 Warn Stage(ft): 21.080
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	16.5060
20.500	41.0450
21.000	62.0070
21.500	64.2050
22.000	65.1270
22.500	65.8460
23.000	66.1570
23.500	66.1760

```
-------------------------------------------------------------------------------------
      Name: NU17-D              Base Flow(cfs): 0.000          Init Stage(ft): 21.080
     Group: U17                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.500          0.0000
         20.000          0.8790
         20.500          3.1080
         21.000         28.3620
         21.500         52.9970
         22.000         58.4060
         22.500         60.9270
         23.000         62.7580
         23.500         63.6190
         24.000         64.0410
         24.500         64.2260
         25.000         64.3640
         25.500         64.4900
         26.000         64.6140
         26.500         64.7110
         27.000         64.8030
         27.500         64.9760

-------------------------------------------------------------------------------------
      Name: NU17A01             Base Flow(cfs): 0.000          Init Stage(ft): 13.190
     Group: U17                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU17A03             Base Flow(cfs): 0.000          Init Stage(ft): 13.910
     Group: U17                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU17A05             Base Flow(cfs): 0.000          Init Stage(ft): 14.870
     Group: U17                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU17A09             Base Flow(cfs): 0.000          Init Stage(ft): 15.030
     Group: U17                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU17A13             Base Flow(cfs): 0.000          Init Stage(ft): 15.250
     Group: U17                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU17B01             Base Flow(cfs): 0.000          Init Stage(ft): 15.460
     Group: U17                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
```

```
-------------------------------------------------------------------------------------------
      Name: NU17B05             Base Flow(cfs): 0.000          Init Stage(ft): 15.670
     Group: U17                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU17B10             Base Flow(cfs): 0.000          Init Stage(ft): 15.880
     Group: U17                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU17C01             Base Flow(cfs): 0.000          Init Stage(ft): 16.180
     Group: U17                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU17C05             Base Flow(cfs): 0.000          Init Stage(ft): 16.480
     Group: U17                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU17C10             Base Flow(cfs): 0.000          Init Stage(ft): 16.780
     Group: U17                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU17D01             Base Flow(cfs): 0.000          Init Stage(ft): 17.060
     Group: U17                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU17D05             Base Flow(cfs): 0.000          Init Stage(ft): 17.480
     Group: U17                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18-A              Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: U18                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         17.500          0.0000
         18.000          0.0670
         18.500          0.3560
         19.000          1.3580
         19.500         11.1910
         20.000         26.4590
```

20.500	38.7180
21.000	55.6750
21.500	60.3970
22.000	61.9440
22.500	62.3040
23.000	62.5040
23.500	62.6010
24.000	62.6910
24.500	62.7810
25.000	63.0030

Name: NU18-B Base Flow(cfs): 0.000 Init Stage(ft): 19.080
Group: U18 Warn Stage(ft): 20.080
Type: Stage/Area

Stage(ft)	Area(ac)
18.000	0.0000
18.500	0.2300
19.000	0.8340
19.500	2.2990
20.000	19.3860
20.500	41.9910
21.000	59.2420
21.500	62.3030
22.000	63.5200
22.500	63.8600
23.000	64.1750
23.500	64.3990
24.000	64.6680
24.500	65.0400
25.000	65.2510

Name: NU18-C Base Flow(cfs): 0.000 Init Stage(ft): 20.080
Group: U18 Warn Stage(ft): 21.080
Type: Stage/Area

Stage(ft)	Area(ac)
18.500	0.0000
19.000	0.4330
19.500	1.4920
20.000	11.2740
20.500	41.8310
21.000	57.4440
21.500	61.3380
22.000	63.5130
22.500	64.1430
23.000	64.4050
23.500	64.5920
24.000	64.9230
24.500	64.9460
25.000	64.9710
25.500	65.0010
26.000	65.0440
26.500	65.1890

Name: NU18-D Base Flow(cfs): 0.000 Init Stage(ft): 21.080
Group: U18 Warn Stage(ft): 22.080
Type: Stage/Area

Stage(ft)	Area(ac)
19.000	0.0000
19.500	0.5590
20.000	1.3540
20.500	4.0460
21.000	19.5840
21.500	45.6200
22.000	56.8180
22.500	60.1710
23.000	62.6900
23.500	63.4130
24.000	63.8910
24.500	64.0180
25.000	64.1400
25.500	64.2640

```
         26.000         64.3160
         26.500         64.3550
         27.000         64.3820
         27.500         64.3990

-------------------------------------------------------------------------------------------
      Name: NU18A01             Base Flow(cfs): 0.000          Init Stage(ft): 12.730
     Group: U18                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18A03             Base Flow(cfs): 0.000          Init Stage(ft): 12.730
     Group: U18                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18A05             Base Flow(cfs): 0.000          Init Stage(ft): 14.940
     Group: U18                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18A09             Base Flow(cfs): 0.000          Init Stage(ft): 15.080
     Group: U18                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18A13             Base Flow(cfs): 0.000          Init Stage(ft): 15.300
     Group: U18                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18B01             Base Flow(cfs): 0.000          Init Stage(ft): 15.510
     Group: U18                                                Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18B05             Base Flow(cfs): 0.000          Init Stage(ft): 15.730
     Group: U18                                                Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18B10             Base Flow(cfs): 0.000          Init Stage(ft): 15.950
     Group: U18                                                Warn Stage(ft): 20.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NU18C01             Base Flow(cfs): 0.000          Init Stage(ft): 16.080
     Group: U18                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18C05             Base Flow(cfs): 0.000          Init Stage(ft): 16.080
     Group: U18                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18C10             Base Flow(cfs): 0.000          Init Stage(ft): 16.080
     Group: U18                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18C13             Base Flow(cfs): 0.000          Init Stage(ft): 16.080
     Group: U18                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18C15             Base Flow(cfs): 0.000          Init Stage(ft): 16.080
     Group: U18                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18D01             Base Flow(cfs): 0.000          Init Stage(ft): 17.100
     Group: U18                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU18D05             Base Flow(cfs): 0.000          Init Stage(ft): 19.350
     Group: U18                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU19-A              Base Flow(cfs): 0.000          Init Stage(ft): 19.580
     Group: U19                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.000          0.0000
         18.500          0.4270
         19.000          1.6760
         19.500         12.0860
         20.000         33.0180
         20.500         49.5220
         21.000         57.2080
         21.500         58.5210
```

22.000	59.6280
22.500	60.5640
23.000	61.2220
23.500	61.4950
24.000	61.9080
24.500	62.0040
25.000	62.1240
25.500	62.3590

Name: NU19-B Base Flow(cfs): 0.000 Init Stage(ft): 19.580
Group: U19 Warn Stage(ft): 20.580
Type: Stage/Area

Stage(ft)	Area(ac)
18.500	0.0000
19.000	0.5580
19.500	2.4630
20.000	10.6710
20.500	32.4330
21.000	58.3020
21.500	60.9120
22.000	62.1070
22.500	63.0090
23.000	63.7860
23.500	64.4640
24.000	65.0810

Name: NU19-C Base Flow(cfs): 0.000 Init Stage(ft): 20.080
Group: U19 Warn Stage(ft): 21.080
Type: Stage/Area

Stage(ft)	Area(ac)
18.000	0.0000
18.500	0.0950
19.000	0.7380
19.500	2.1060
20.000	7.4420
20.500	26.6660
21.000	51.5300
21.500	58.8300
22.000	60.7140
22.500	62.2650
23.000	64.7320
23.500	64.9510
24.000	65.0060
24.500	65.0620
25.000	65.1100
25.500	65.1620
26.000	65.3830

Name: NU19-D Base Flow(cfs): 0.000 Init Stage(ft): 21.080
Group: U19 Warn Stage(ft): 22.080
Type: Stage/Area

Stage(ft)	Area(ac)
19.500	0.0000
20.000	0.1460
20.500	3.3120
21.000	23.6940
21.500	50.9540
22.000	57.9000
22.500	62.0870
23.000	63.7900
23.500	63.9670
24.000	64.0560
24.500	64.1640
25.000	64.4160
25.500	64.6360
26.000	64.6570
26.500	64.6680
27.000	64.6770
27.500	64.6840
28.000	64.6970

```
-------------------------------------------------------------------------------------
      Name: NU19A01             Base Flow(cfs): 0.000          Init Stage(ft): 12.590
     Group: U19                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU19A03             Base Flow(cfs): 0.000          Init Stage(ft): 12.590
     Group: U19                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU19A05             Base Flow(cfs): 0.000          Init Stage(ft): 14.080
     Group: U19                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU19A09             Base Flow(cfs): 0.000          Init Stage(ft): 14.250
     Group: U19                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU19A13             Base Flow(cfs): 0.000          Init Stage(ft): 14.580
     Group: U19                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU19B01             Base Flow(cfs): 0.000          Init Stage(ft): 14.740
     Group: U19                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU19B05             Base Flow(cfs): 0.000          Init Stage(ft): 14.980
     Group: U19                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU19B10             Base Flow(cfs): 0.000          Init Stage(ft): 15.230
     Group: U19                                                Warn Stage(ft): 20.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------
      Name: NU19C01             Base Flow(cfs): 0.000          Init Stage(ft): 16.140
     Group: U19                                                Warn Stage(ft): 21.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU19C05             Base Flow(cfs): 0.000          Init Stage(ft): 17.420
     Group: U19                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU19C07             Base Flow(cfs): 0.000          Init Stage(ft): 17.420
     Group: U19                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU19C11             Base Flow(cfs): 0.000          Init Stage(ft): 17.600
     Group: U19                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU19D01             Base Flow(cfs): 0.000          Init Stage(ft): 18.790
     Group: U19                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU19D05             Base Flow(cfs): 0.000          Init Stage(ft): 19.470
     Group: U19                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20-A              Base Flow(cfs): 0.000          Init Stage(ft): 20.080
     Group: U20                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.500          0.0000
         19.000          0.6410
         19.500          2.4480
         20.000         15.9020
         20.500         26.3700
         21.000         29.1720
         21.500         30.1210
         22.000         31.2130
         22.500         31.8810
         23.000         31.9940

-------------------------------------------------------------------------------------------
      Name: NU20-B              Base Flow(cfs): 0.000          Init Stage(ft): 20.080
     Group: U20                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         19.500          0.0000
         20.000         11.1010
         20.500         20.8070
```

```
         21.000         29.9440
         21.500         32.2640
         22.000         32.9460
         22.500         33.7220
         23.000         33.9900

-------------------------------------------------------------------------------------------
      Name: NU20-C              Base Flow(cfs): 0.000          Init Stage(ft): 20.580
     Group: U20                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         18.500          0.0000
         19.000          0.2510
         19.500          0.8100
         20.000          2.5990
         20.500          9.8400
         21.000         21.4950
         21.500         28.0290
         22.000         30.3300
         22.500         32.0400
         23.000         33.6580
         23.500         34.0430
         24.000         34.2780
         24.500         34.3640
         25.000         34.4390
         25.500         34.6770

-------------------------------------------------------------------------------------------
      Name: NU20-D              Base Flow(cfs): 0.000          Init Stage(ft): 19.080
     Group: U20                                                Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         20.000          0.0000
         20.500          0.4910
         21.000          7.4690
         21.500         20.8750
         22.000         28.8700
         22.500         30.9860
         23.000         31.6640
         23.500         32.1670
         24.000         32.4190
         24.500         32.5420
         25.000         32.6430
         25.500         32.7310
         26.000         32.7920
         26.500         32.8030

-------------------------------------------------------------------------------------------
      Name: NU20A01             Base Flow(cfs): 0.000          Init Stage(ft): 13.610
     Group: U20                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20A03             Base Flow(cfs): 0.000          Init Stage(ft): 13.610
     Group: U20                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20A09             Base Flow(cfs): 0.000          Init Stage(ft): 13.880
     Group: U20                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
```

```
      Name: NU20A13             Base Flow(cfs): 0.000          Init Stage(ft): 14.560
     Group: U20                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20B01             Base Flow(cfs): 0.000          Init Stage(ft): 15.230
     Group: U20                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20B05             Base Flow(cfs): 0.000          Init Stage(ft): 15.900
     Group: U20                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20B11             Base Flow(cfs): 0.000          Init Stage(ft): 17.550
     Group: U20                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20B13             Base Flow(cfs): 0.000          Init Stage(ft): 17.580
     Group: U20                                                Warn Stage(ft): 21.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20C01             Base Flow(cfs): 0.000          Init Stage(ft): 17.580
     Group: U20                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20C05             Base Flow(cfs): 0.000          Init Stage(ft): 17.580
     Group: U20                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20C10             Base Flow(cfs): 0.000          Init Stage(ft): 17.580
     Group: U20                                                Warn Stage(ft): 21.580
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20D01             Base Flow(cfs): 0.000          Init Stage(ft): 17.950
     Group: U20                                                Warn Stage(ft): 22.080
      Type: Stage/Area
```

```
      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU20D05             Base Flow(cfs): 0.000          Init Stage(ft): 18.310
     Group: U20                                              Warn Stage(ft): 22.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU23FJV1            Base Flow(cfs): 0.000          Init Stage(ft): 13.500
     Group: FJV                                              Warn Stage(ft): 30.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU23FJV2            Base Flow(cfs): 0.000          Init Stage(ft): 16.500
     Group: FJV                                              Warn Stage(ft): 30.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU23FJV3            Base Flow(cfs): 0.000          Init Stage(ft): 16.500
     Group: FJV                                              Warn Stage(ft): 30.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NU23FJV4            Base Flow(cfs): 0.000          Init Stage(ft): 16.500
     Group: FJV                                              Warn Stage(ft): 30.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

-------------------------------------------------------------------------------------------
      Name: NWETLND             Base Flow(cfs): 0.000          Init Stage(ft): 20.180
     Group: LINCOLN                                          Warn Stage(ft): 25.080
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         20.500          0.0030
         21.000          0.0670
         21.500          0.2040
         22.000          0.4350
         22.500          0.7100
         23.000          1.2520
         23.500          1.9370
         24.000          2.9300
         24.500          3.1840
         25.000          3.3430
         25.500          3.3740
         26.000          3.4300

-------------------------------------------------------------------------------------------
      Name: SEEPAGE             Base Flow(cfs): 0.000          Init Stage(ft): 26.580
     Group: MID LAT SEEPAGE                                  Warn Stage(ft): 26.580
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          28.000
         120.00          28.000
```

==========
==== Cross Sections ==========
==========

Name: FJV-LATU Group: FJV
Encroachment: No

Station(ft)	Elevation(ft)	Manning's N
0.000	23.300	0.160000
14.500	22.800	0.160000
25.900	15.500	0.160000
28.300	14.000	0.070000
46.000	7.700	0.070000
65.000	14.000	0.070000
66.700	15.500	0.070000
78.000	25.000	0.160000

Name: RF15 Group: FMAIN
Encroachment: No

Station(ft)	Elevation(ft)	Manning's N
0.000	15.000	0.260000
31.500	4.500	0.260000
40.500	1.500	0.210000
45.000	0.000	0.085000
125.000	0.000	0.085000
129.500	1.500	0.085000
138.500	4.500	0.210000
170.000	15.000	0.260000

Name: RF20-40 Group: FMAIN
Encroachment: No

Station(ft)	Elevation(ft)	Manning's N
0.000	12.000	0.260000
11.250	4.500	0.260000
15.750	1.500	0.210000
18.000	0.000	0.085000
88.000	0.000	0.085000
90.250	1.500	0.085000
94.750	4.500	0.210000
106.000	12.000	0.260000

Name: RF50 Group: FMAIN
Encroachment: No

Station(ft)	Elevation(ft)	Manning's N
0.000	12.000	0.260000
12.000	4.500	0.260000
16.800	1.500	0.210000
19.200	0.000	0.085000
79.200	0.000	0.085000
81.600	1.500	0.085000
86.400	4.500	0.210000
98.400	12.000	0.260000

Name: RF60-70 Group: FMAIN
Encroachment: No

Station(ft)	Elevation(ft)	Manning's N
0.000	12.000	0.260000
13.500	4.500	0.260000
18.900	1.500	0.210000
21.600	0.000	0.085000
71.600	0.000	0.085000
74.300	1.500	0.085000

```
         79.700           4.500        0.210000
         93.200          12.000        0.260000

-----------------------------------------------------------------------
              Name: RF80-85                      Group: FMAIN
      Encroachment: No


    Station(ft)   Elevation(ft)     Manning's N
--------------- --------------- ---------------
          0.000          12.000        0.260000
         11.250           4.500        0.260000
         15.750           1.500        0.210000
         18.000           0.000        0.085000
         73.000           0.000        0.085000
         75.250           1.500        0.085000
         79.750           4.500        0.210000
         91.000          12.000        0.260000

-----------------------------------------------------------------------
              Name: RP20'                        Group: PL
      Encroachment: No


    Station(ft)   Elevation(ft)     Manning's N
--------------- --------------- ---------------
          0.000          12.000        0.110000
         11.250           4.500        0.110000
         15.750           1.500        0.100000
         18.000           0.000        0.070000
         38.000           0.000        0.070000
         40.250           1.500        0.070000
         44.750           4.500        0.100000
         56.000          12.000        0.110000

-----------------------------------------------------------------------
              Name: RP20'-1.8                    Group: PL
      Encroachment: No


    Station(ft)   Elevation(ft)     Manning's N
--------------- --------------- ---------------
          0.000          12.000        0.110000
         13.500           4.500        0.110000
         18.900           1.500        0.100000
         21.600           0.000        0.070000
         41.600           0.000        0.070000
         44.300           1.500        0.070000
         49.700           4.500        0.100000
         63.200          12.000        0.110000

-----------------------------------------------------------------------
              Name: RP25'                        Group: PL
      Encroachment: No


    Station(ft)   Elevation(ft)     Manning's N
--------------- --------------- ---------------
          0.000          12.000        0.110000
         11.250           4.500        0.110000
         15.750           1.500        0.100000
         18.000           0.000        0.070000
         43.000           0.000        0.070000
         45.250           1.500        0.070000
         49.750           4.500        0.100000
         61.000          12.000        0.110000

-----------------------------------------------------------------------
              Name: RP25'-1.8                    Group: PL
      Encroachment: No


    Station(ft)   Elevation(ft)     Manning's N
--------------- --------------- ---------------
          0.000          12.000        0.110000
         13.500           4.500        0.110000
         18.900           1.500        0.100000
         21.600           0.000        0.070000
         46.600           0.000        0.070000
         49.300           1.500        0.070000
         54.700           4.500        0.100000
```

```
         68.200          12.000        0.110000

-----------------------------------------------------------------------
              Name: RU-17'                       Group: LU
      Encroachment: No


    Station(ft)   Elevation(ft)     Manning's N
--------------- --------------- ---------------
          0.000          12.000        0.160000
         15.750           1.500        0.160000
         18.000           0.000        0.070000
         35.000           0.000        0.070000
         37.250           1.500        0.070000
         53.000          12.000        0.160000

-----------------------------------------------------------------------
              Name: RU-80A                       Group: U08
      Encroachment: No


    Station(ft)   Elevation(ft)     Manning's N
--------------- --------------- ---------------
          0.000          20.900        0.095000
          3.500          18.400        0.095000
          7.000          16.400        0.090000
         10.500          14.000        0.090000
         12.000          13.800        0.090000
         13.500          14.000        0.090000
         17.000          16.500        0.090000
         20.500          19.500        0.095000
         24.000          22.200        0.095000

-----------------------------------------------------------------------
              Name: RU20'                        Group: LU
      Encroachment: No


    Station(ft)   Elevation(ft)     Manning's N
--------------- --------------- ---------------
          0.000          12.000        0.160000
         15.750           1.500        0.160000
         18.000           0.000        0.070000
         38.000           0.000        0.070000
         40.250           1.500        0.070000
         56.000          12.000        0.160000

-----------------------------------------------------------------------
              Name: RU20'-1.8                    Group: LU
      Encroachment: No


    Station(ft)   Elevation(ft)     Manning's N
--------------- --------------- ---------------
          0.000          12.000        0.160000
         18.900           1.500        0.160000
         21.600           0.000        0.070000
         41.600           0.000        0.070000
         44.300           1.500        0.070000
         63.200          12.000        0.160000

-----------------------------------------------------------------------
              Name: RU25'                        Group: LU
      Encroachment: No


    Station(ft)   Elevation(ft)     Manning's N
--------------- --------------- ---------------
          0.000          12.000        0.160000
         15.750           1.500        0.160000
         18.000           0.000        0.070000
         43.000           0.000        0.070000
         45.250           1.500        0.070000
         61.000          12.000        0.160000

-----------------------------------------------------------------------
              Name: RU25'-1.8                    Group: LU
      Encroachment: No
```

Station(ft)	Elevation(ft)	Manning's N
0.000	12.000	0.160000
18.900	1.500	0.160000
21.600	0.000	0.070000
46.600	0.000	0.070000
49.300	1.500	0.070000
68.200	12.000	0.160000

==========
==== Operating Tables ==========
==========

Name: 1/2 P-SEEPAGE Group: MID LAT SEEPAGE
Type: Rating Curve
Function: Time vs. Discharge

Time(hrs)	Discharge(cfs)
0.00	0.00
4.00	10.00
8.00	0.00

Name: 1/2 U-SEEPAGE Group: MID LAT SEEPAGE
Type: Rating Curve
Function: Time vs. Discharge

Time(hrs)	Discharge(cfs)
0.00	0.00
4.00	10.00
8.00	0.00

Name: FJVE-PUMP Group: FJV
Type: Rating Curve
Function: Time vs. Discharge

Time(hrs)	Discharge(cfs)
0.00	81.30
100.00	81.30

Name: P-SEEPAGE Group: MID LAT SEEPAGE
Type: Rating Curve
Function: Time vs. Discharge

Time(hrs)	Discharge(cfs)
0.00	5.00
8.00	5.00
10.00	0.00
30.00	0.00
100.00	0.00
120.00	5.00
200.00	5.00

Name: RU-10S Group: MID LAT SEEPAGE
Type: Rating Curve
Function: Time vs. Discharge

Time(hrs)	Discharge(cfs)
0.00	5.00
8.00	5.00
10.00	0.00
30.00	0.00
100.00	0.00
120.00	5.00
200.00	5.00

Name: RU-30S Group: MID LAT SEEPAGE

```
      Type: Rating Curve
  Function: Time vs. Discharge


      Time(hrs)  Discharge(cfs)
--------------- ---------------
           0.00            5.00
           8.00            5.00
          10.00            0.00
          30.00            0.00
         100.00            0.00
         120.00            5.00
         200.00            5.00

-------------------------------------------------------------------------------------------
      Name: RU-50S               Group: MID LAT SEEPAGE
      Type: Rating Curve
  Function: Time vs. Discharge


      Time(hrs)  Discharge(cfs)
--------------- ---------------
           0.00            5.00
           8.00            5.00
          10.00            0.00
          30.00            0.00
         100.00            0.00
         120.00            5.00
         200.00            5.00

-------------------------------------------------------------------------------------------
      Name: RU-70S               Group: MID LAT SEEPAGE
      Type: Rating Curve
  Function: Time vs. Discharge


      Time(hrs)  Discharge(cfs)
--------------- ---------------
           0.00            5.00
           8.00            5.00
          10.00            0.00
          30.00            0.00
         100.00            0.00
         120.00            5.00
         200.00            5.00

-------------------------------------------------------------------------------------------
      Name: U-SEEPAGE            Group: MID LAT SEEPAGE
      Type: Rating Curve
  Function: Time vs. Discharge


      Time(hrs)  Discharge(cfs)
--------------- ---------------
           0.00            2.50
           8.00            2.50
          10.00            0.00
          30.00            0.00
         100.00            0.00
         120.00            2.50
         200.00            2.50

===========================================================================================
==== Pipes ================================================================================
===========================================================================================

         Name: RBCUL1              From Node: NB1                Length(ft): 285.00
        Group: BOOKER                To Node: NB2                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 15.00          15.00                       Entrance Loss Coef: 0.50
     Rise(in): 15.00          15.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.880         20.780                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RBCUL2              From Node: NB2                Length(ft): 159.00
        Group: BOOKER                To Node: NB3                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 18.00          18.00                      Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                          Exit Loss Coef: 0.95
   Invert(ft): 20.780         20.080                         Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RBCUL3              From Node: NB3                Length(ft): 206.00
        Group: BOOKER                To Node: NBG                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 18.00          18.00                      Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.810         19.820                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RBCUL4              From Node: NB4                Length(ft): 162.00
        Group: BOOKER                To Node: NB3                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 18.00          18.00                      Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.580         15.480                         Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RBCUL5              From Node: NB5                Length(ft): 298.00
        Group: BOOKER                To Node: NB4                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 15.00          15.00                      Entrance Loss Coef: 0.50
     Rise(in): 15.00          15.00                          Exit Loss Coef: 0.95
   Invert(ft): 20.880         20.680                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
```

```
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RBCULG              From Node: NBG                Length(ft): 264.00
        Group: BOOKER                To Node: NBOUT                    Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 18.00          18.00                        Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                            Exit Loss Coef: 0.95
   Invert(ft): 19.820         19.750                           Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RBOUT               From Node: NBOUT              Length(ft): 8.00
        Group: BOOKER                To Node: NSDIV                    Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 18.00          18.00                        Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                            Exit Loss Coef: 0.95
   Invert(ft): 19.840         19.780                           Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RI-05               From Node: NI-05              Length(ft): 80.00
        Group: LI                    To Node: NF-85                    Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 60.00          60.00                        Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                            Exit Loss Coef: 1.00
   Invert(ft): 10.580         10.580                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting


-----------------------------------------------------------------------------------------------
         Name: RI-20A              From Node: NI-20A             Length(ft): 40.00
        Group: I02                   To Node: NI-20                    Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
```

```
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 24.00          24.00                     Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                         Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------------
         Name: RI-24               From Node: NI-24              Length(ft): 60.00
        Group: LI                    To Node: NI-22                   Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                     Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 60.00          60.00                     Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                         Exit Loss Coef: 0.95
   Invert(ft): 12.580         12.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------------
         Name: RI-40M              From Node: NI-40B             Length(ft): 40.00
        Group: I04                   To Node: NI-40M                  Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                     Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Positive
     Span(in): 18.00          18.00                     Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                         Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

CULVERT TO WETLAND #1

-----------------------------------------------------------------------------------------------------
         Name: RI-50               From Node: NI-50              Length(ft): 60.00
        Group: LI                    To Node: NI-49                   Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                     Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 60.00          60.00                     Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                         Exit Loss Coef: 0.95
   Invert(ft): 12.580         12.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting
```

```
-----------------------------------------------------------------------------------------------
         Name: RI-75M              From Node: NI-75M             Length(ft): 40.00
        Group: I75                   To Node: NI-75A                  Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Positive
     Span(in): 18.00          18.00                       Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.580         15.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

CULVERT TO WETLAND #4

-----------------------------------------------------------------------------------------------
         Name: RLCUL1              From Node: NL1                Length(ft): 429.00
        Group: LINCOLN               To Node: NL2                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 15.00          15.00                       Entrance Loss Coef: 0.50
     Rise(in): 15.00          15.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.280         20.080                          Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RLCUL2N             From Node: NL2                Length(ft): 158.00
        Group: LINCOLN               To Node: NLDIV                   Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 18.00          18.00                       Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.440         19.780                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RLCUL2S             From Node: NLDIVOVR           Length(ft): 128.00
        Group: STATE                 To Node: NLOUT                   Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 18.00          18.00                       Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.840         19.640                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RLCUL3              From Node: NL3                Length(ft): 356.00
        Group: LINCOLN               To Node: NL2                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 18.00          18.00                       Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.180         20.080                          Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RLCUL4              From Node: NL4                Length(ft): 318.00
        Group: LINCOLN               To Node: NL3                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 15.00          15.00                       Entrance Loss Coef: 0.50
     Rise(in): 15.00          15.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.080         20.180                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RLLCUL              From Node: NL4                Length(ft): 88.00
        Group: LINCOLN               To Node: NLAKE                   Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 15.00          15.00                       Entrance Loss Coef: 0.50
     Rise(in): 15.00          15.00                           Exit Loss Coef: 0.90
   Invert(ft): 19.380         15.830                          Bend Loss Coef: 0.55
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Groove end projecting

```
-----------------------------------------------------------------------------------------------
         Name: RLOUT               From Node: NLOUT              Length(ft): 40.00
        Group: LINCOLN               To Node: NP13bC13                Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.90
   Invert(ft): 19.680         19.580                          Bend Loss Coef: 0.00
  Manning's N: 0.022000       0.022000                      Outlet Ctrl Spec: Use dc or tw
```

```
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting


-----------------------------------------------------------------------------------------------
         Name: RP-10W              From Node: NP-10W             Length(ft): 112.00
        Group: P01                   To Node: NP-10                  Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                         Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                             Exit Loss Coef: 0.95
   Invert(ft): 11.120         11.040                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RP-30W              From Node: NP-30W             Length(ft): 120.00
        Group: P03                   To Node: NP-30                  Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                         Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                             Exit Loss Coef: 0.95
   Invert(ft): 14.580         14.580                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RP-80W              From Node: NP-80W             Length(ft): 32.00
        Group: P08                   To Node: NP-80                  Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                         Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                             Exit Loss Coef: 0.95
   Invert(ft): 14.620         14.430                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RP-FJVE             From Node: NP-FJVE            Length(ft): 52.00
        Group: FJV                   To Node: NP-240                 Count: 1
                                                             Friction Equation: Automatic
```

```
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                                Flow: Positive
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.00
     Rise(in): 48.00          48.00                          Exit Loss Coef: 1.00
   Invert(ft): 13.620         13.190                         Bend Loss Coef: 0.00
  Manning's N: 0.022000       0.022000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting


-----------------------------------------------------------------------------------------------
         Name: RP01A05             From Node: NP01A05            Length(ft): 54.00
        Group: P01                   To Node: NP-10                   Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 13.100         9.920                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP01A09             From Node: NP01A09            Length(ft): 40.00
        Group: P01                   To Node: NP01A07                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 36.00          36.00                      Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.720         16.610                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP01A17             From Node: NP01A17            Length(ft): 60.00
        Group: P01                   To Node: NP01A15                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.320         18.120                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP01B03             From Node: NP01B03            Length(ft): 40.00
        Group: P01                   To Node: NP01B01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.060         19.060                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP01B09             From Node: NP01B09            Length(ft): 40.00
        Group: P01                   To Node: NP01B07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.230         18.750                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP01B17             From Node: NP01B17            Length(ft): 40.00
        Group: P01                   To Node: NP01B15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.150         19.190                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP01B23             From Node: NP01B23            Length(ft): 40.00
        Group: P01                   To Node: NP01B21                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.150         18.870                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP01C03             From Node: NP01C03            Length(ft): 40.00
        Group: P01                   To Node: NP01C01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.820         18.550                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP01C09             From Node: NP01C09            Length(ft): 40.00
        Group: P01                   To Node: NP01C07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.740         18.490                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP01C15             From Node: NP01C15            Length(ft): 24.00
        Group: P01                   To Node: NP01C13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.100         20.120                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP01D03             From Node: NP01D03            Length(ft): 40.00
        Group: P01                   To Node: NP01D01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.410         20.490                          Bend Loss Coef: 0.00
```

```
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP02A05             From Node: NP02A05            Length(ft): 39.00
        Group: P02                   To Node: NP-20                  Count: 1
                                                            Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 42.00          42.00                        Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                            Exit Loss Coef: 0.95
   Invert(ft): 16.270         15.540                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RP02A19             From Node: NP02A19            Length(ft): 60.00
        Group: P02                   To Node: NP02A17                  Count: 1
                                                            Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                        Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                            Exit Loss Coef: 0.95
   Invert(ft): 18.910         18.610                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RP02C13             From Node: NP02C13            Length(ft): 28.00
        Group: P02                   To Node: NP02C11                  Count: 1
                                                            Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                        Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                            Exit Loss Coef: 0.95
   Invert(ft): 18.690         18.650                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RP02D13             From Node: NP02D13            Length(ft): 18.00
        Group: P02                   To Node: NP02D11                  Count: 1
```

```
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 18.00          18.00                    Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                        Exit Loss Coef: 0.95
   Invert(ft): 28.740         28.310                       Bend Loss Coef: 0.00
  Manning's N: 0.015000       0.015000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------------
         Name: RP02D17             From Node: NP02D17            Length(ft): 22.00
        Group: P02                   To Node: NP02D15                 Count: 1
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 24.00          24.00                    Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                        Exit Loss Coef: 0.95
   Invert(ft): 27.780         27.820                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------------
         Name: RP03A05             From Node: NP03A05            Length(ft): 59.00
        Group: P03                   To Node: NP-30                   Count: 1
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                    Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                        Exit Loss Coef: 0.95
   Invert(ft): 15.160         14.480                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP03A17             From Node: NP03A17            Length(ft): 60.00
        Group: P03                   To Node: NP03A15                 Count: 1
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                    Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                        Exit Loss Coef: 0.95
   Invert(ft): 19.230         19.240                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP03C11             From Node: NP03C11            Length(ft): 18.00
        Group: P03                   To Node: NP03C09                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                     Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                         Exit Loss Coef: 0.95
   Invert(ft): 20.900         21.190                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP03D15             From Node: NP03D15            Length(ft): 22.00
        Group: P03                   To Node: NP03D13                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                     Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                         Exit Loss Coef: 0.95
   Invert(ft): 28.430         26.750                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP04A01             From Node: NP04A01            Length(ft): 60.00
        Group: P04                   To Node: NP-40                   Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 42.00          42.00                     Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                         Exit Loss Coef: 0.95
   Invert(ft): 13.950         12.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RP04A15             From Node: NP04A15            Length(ft): 60.00
        Group: P04                   To Node: NP04A13                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                     Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.360         17.920                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RP04E07             From Node: NP04E07            Length(ft): 25.00
        Group: P04                   To Node: NP04E05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 26.430         26.450                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RP05A03             From Node: NP05A03            Length(ft): 99.00
        Group: P05                   To Node: NP-50                   Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 13.590         13.140                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RP05A15             From Node: NP05A15            Length(ft): 58.00
        Group: P05                   To Node: NP05A13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.010         18.040                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RP05B03             From Node: NP05B03            Length(ft): 41.00
        Group: P05                   To Node: NP05B01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
```

```
   Invert(ft): 16.980         16.370                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP05B07             From Node: NP05B07            Length(ft): 39.00
        Group: P05                   To Node: NP05B05                 Count: 1
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.230                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP05B11             From Node: NP05B11            Length(ft): 30.00
        Group: P05                   To Node: NP05B09                 Count: 1
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 18.00          18.00                       Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.690         18.680                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting


-----------------------------------------------------------------------------------------------
         Name: RP05E07             From Node: NP05E07            Length(ft): 19.00
        Group: P05                   To Node: NP05E05                 Count: 1
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 28.360         27.950                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP06A01             From Node: NP06A01            Length(ft): 59.00
```

```
        Group: P06                  To Node: NP-60                  Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 60.00          60.00                     Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                         Exit Loss Coef: 0.95
   Invert(ft): 8.660          8.460                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP06A07             From Node: NP06A07            Length(ft): 30.00
        Group: P06                  To Node: NP06A05                 Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 60.00          60.00                     Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                         Exit Loss Coef: 0.95
   Invert(ft): 14.910         14.400                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP06A11             From Node: NP06A11            Length(ft): 30.00
        Group: P06                  To Node: NP06A09                 Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                     Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                         Exit Loss Coef: 0.95
   Invert(ft): 14.920         14.840                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP06A19             From Node: NP06A19            Length(ft): 60.00
        Group: P06                  To Node: NP06A17                 Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                     Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                         Exit Loss Coef: 0.95
   Invert(ft): 17.530         16.700                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP06B07             From Node: NP06B07            Length(ft): 49.00
        Group: P06                   To Node: NP06B05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.600         17.760                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP06E07             From Node: NP06E07            Length(ft): 21.00
        Group: P06                   To Node: NP06E05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 27.980         27.530                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP07A15             From Node: NP07A15            Length(ft): 60.00
        Group: P07                   To Node: NP14A13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.220         17.090                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP07E07             From Node: NP07E07            Length(ft): 22.00
        Group: P07                   To Node: NP07E05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 29.000         28.790                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP08A03             From Node: NP08A03            Length(ft): 39.00
        Group: P08                   To Node: NP08A01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 66.00          66.00                       Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                           Exit Loss Coef: 0.95
   Invert(ft): 13.940         13.700                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP08A07             From Node: NP08A07            Length(ft): 29.00
        Group: P08                   To Node: NP08A05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.110         15.020                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP08A13             From Node: NP08A13            Length(ft): 43.00
        Group: P08                   To Node: NP08A11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.710         15.690                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP08A21             From Node: NP08A21            Length(ft): 60.00
        Group: P08                   To Node: NP08A19                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
```

```
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.530         17.350                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP08B07             From Node: NP08B07            Length(ft): 60.00
        Group: P08                   To Node: NP08B05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.370         17.140                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP09A03             From Node: NP09A03            Length(ft): 37.00
        Group: P09                   To Node: NP09A01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 14.840         12.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP09A09             From Node: NP09A09            Length(ft): 40.00
        Group: P09                   To Node: NP09A07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.570         15.800                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
```

```
         Name: RP09A13             From Node: NP09A13            Length(ft): 40.00
        Group: P09                   To Node: NP09A11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.820         16.310                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP09A17             From Node: NP09A17            Length(ft): 33.00
        Group: P09                   To Node: NP09A15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.850         16.720                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP09A25             From Node: NP09A25            Length(ft): 59.00
        Group: P09                   To Node: NP09A23                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.560         17.500                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP09B07             From Node: NP09B07            Length(ft): 29.00
        Group: P09                   To Node: NP09B05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.140         16.970                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP09B11             From Node: NP09B11            Length(ft): 21.00
        Group: P09                   To Node: NP09B09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.340         17.450                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP09B15             From Node: NP09B15            Length(ft): 34.00
        Group: P09                   To Node: NP09B13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.840         18.840                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP09C05             From Node: NP09C05            Length(ft): 26.00
        Group: P09                   To Node: NP09C03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.930         17.970                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP10A07             From Node: NP10A07            Length(ft): 34.00
        Group: P10                   To Node: NP10A03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 60.00          54.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          54.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.290         15.180                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP10A17             From Node: NP10A17            Length(ft): 60.00
        Group: P10                   To Node: NP10A15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.390         17.030                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP10B05             From Node: NP10B05            Length(ft): 20.00
        Group: P10                   To Node: NP10B03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 72.00          72.00                       Entrance Loss Coef: 0.50
     Rise(in): 72.00          72.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.160         18.070                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP10B11             From Node: NP10B11            Length(ft): 40.00
        Group: P10                   To Node: NP10B09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.410         17.820                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP10B19             From Node: NP10B19            Length(ft): 30.00
        Group: P10                   To Node: NP10B17                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
```

```
     Span(in): 42.00          42.00                      Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.870         19.150                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP10C03             From Node: NP10C03            Length(ft): 24.00
        Group: P10                   To Node: NP10C01                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                     Solution Algorithm: Automatic
     Geometry: Circular       Circular                                   Flow: Both
     Span(in): 54.00          54.00                          Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                              Exit Loss Coef: 0.95
   Invert(ft): 18.620         19.400                             Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                         Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                              Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                             Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP10C15             From Node: NP10C15            Length(ft): 29.00
        Group: P10                   To Node: NP10C13                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                     Solution Algorithm: Automatic
     Geometry: Circular       Circular                                   Flow: Both
     Span(in): 42.00          42.00                          Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                              Exit Loss Coef: 0.95
   Invert(ft): 20.270         20.120                             Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                         Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                              Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                             Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP10D03             From Node: NP10D03            Length(ft): 17.00
        Group: P10                   To Node: NP10D01                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                     Solution Algorithm: Automatic
     Geometry: Circular       Circular                                   Flow: Both
     Span(in): 42.00          42.00                          Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                              Exit Loss Coef: 0.95
   Invert(ft): 20.110         20.330                             Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                         Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                              Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                             Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP11A03             From Node: NP11A03            Length(ft): 41.00
        Group: P11                   To Node: NP11A01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 13.810         12.460                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP11A07             From Node: NP11A07            Length(ft): 39.00
        Group: P11                   To Node: NP11A05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.780         15.660                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP11A12             From Node: NP11A12            Length(ft): 30.00
        Group: P11                   To Node: NP11A10                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.340         17.070                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP11A17             From Node: NP11A17            Length(ft): 50.00
        Group: P11                   To Node: NP11A15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.780         16.770                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP11B03             From Node: NP11B03            Length(ft): 24.00
        Group: P11                   To Node: NP11B01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 54.00          54.00                       Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.170         18.130                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP11B07             From Node: NP11B07            Length(ft): 25.00
        Group: P11                   To Node: NP11B05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.990         17.620                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP11B12             From Node: NP11B12            Length(ft): 30.00
        Group: P11                   To Node: NP11B10                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.100         17.460                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP11B17             From Node: NP11B17            Length(ft): 30.00
        Group: P11                   To Node: NP11B15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.720         18.720                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
```

```
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP11C07             From Node: NP11C07            Length(ft): 40.00
        Group: P11                   To Node: NP11C05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.110         20.060                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP11C12             From Node: NP11C12            Length(ft): 19.00
        Group: P11                   To Node: NP11C10                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.530         18.300                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP12A05             From Node: NP12A05            Length(ft): 35.00
        Group: P12                   To Node: NP12A03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.550         14.380                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP12A15             From Node: NP12A15            Length(ft): 60.00
        Group: P12                   To Node: NP12A13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
```

```
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 48.00          48.00                     Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                         Exit Loss Coef: 0.95
   Invert(ft): 17.100         16.950                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP12B07             From Node: NP12B07            Length(ft): 30.00
        Group: P12                   To Node: NP12B05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 48.00          48.00                     Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                         Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP12B15             From Node: NP12B15            Length(ft): 34.00
        Group: P12                   To Node: NP12B13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 48.00          48.00                     Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                         Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP12C17             From Node: NP12C17            Length(ft): 43.00
        Group: P12                   To Node: NP12C15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 54.00          54.00                     Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.180         18.130                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP12D07             From Node: NP12D07            Length(ft): 187.00
        Group: P12                   To Node: NP12D05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.750         17.910                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP12D15             From Node: NP12D15            Length(ft): 33.00
        Group: P12                   To Node: NP12D13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.870         18.730                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP12D21             From Node: NP12D21            Length(ft): 40.00
        Group: P12                   To Node: NP12D19                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.460         20.930                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP13aA01            From Node: NP13aA01           Length(ft): 29.00
        Group: P13a                  To Node: NP-130                  Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 13.860         13.300                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP13aA07            From Node: NP13aA07           Length(ft): 30.00
        Group: P13a                  To Node: NP13aA05                Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.270         15.940                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP13aA13            From Node: NP13aA13           Length(ft): 60.00
        Group: P13a                  To Node: NP13aA11                Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.030         17.040                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP13aA17            From Node: NP13aA17           Length(ft): 49.00
        Group: P13a                  To Node: NP13aA15                Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.210         18.300                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP13aB07            From Node: NP13aB07           Length(ft): 20.00
        Group: P13a                  To Node: NP13aB03                Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.280         17.170                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
```

```
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP13aB09            From Node: NP13aB09           Length(ft): 30.00
        Group: P13a                  To Node: NP13aB07                Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                         Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                             Exit Loss Coef: 0.95
   Invert(ft): 17.040         17.160                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP13aB13            From Node: NP13aB13           Length(ft): 37.00
        Group: P13a                  To Node: NP13aB11                Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                         Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                             Exit Loss Coef: 0.95
   Invert(ft): 17.140         17.160                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP13aB17            From Node: NP13aB17           Length(ft): 30.00
        Group: P13a                  To Node: NP13aB15                Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                         Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                             Exit Loss Coef: 0.95
   Invert(ft): 18.420         17.870                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP13aB21            From Node: NP13aB21           Length(ft): 20.00
        Group: P13a                  To Node: NP13aB19                Count: 1
                                                             Friction Equation: Average Conveyance
```

```
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.470         16.980                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP13aB25            From Node: NP13aB25           Length(ft): 30.00
        Group: P13a                  To Node: NP13aB23                Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 66.00          66.00                      Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.210         17.850                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP13aC07            From Node: NP13aC07           Length(ft): 20.00
        Group: P13a                  To Node: NP13aC05                Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 54.00          54.00                      Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.470         18.280                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP13bA11            From Node: NP13bA11           Length(ft): 92.00
        Group: P13b                  To Node: NP13bA09                Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.770         16.000                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP13bB07            From Node: NP13bB07           Length(ft): 60.00
        Group: P13b                  To Node: NP13bB05                Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 72.00          72.00                       Entrance Loss Coef: 0.50
     Rise(in): 72.00          72.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.300         15.950                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP13bC07            From Node: NP13bC07           Length(ft): 64.00
        Group: P13b                  To Node: NP13bC05                Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.020         17.020                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14A05             From Node: NP14A05            Length(ft): 40.00
        Group: P14                   To Node: NP14A01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 72.00          72.00                       Entrance Loss Coef: 0.50
     Rise(in): 72.00          72.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.350         14.460                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14A09             From Node: NP14A09            Length(ft): 20.00
        Group: P14                   To Node: NP14A07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.360         16.160                          Bend Loss Coef: 0.00
  Manning's N: 0.016000       0.016000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP14A13             From Node: NP14A13            Length(ft): 21.00
        Group: P14                   To Node: NP14A11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 66.00          66.00                       Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.380         17.480                          Bend Loss Coef: 0.00
  Manning's N: 0.016000       0.016000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP14A17             From Node: NP14A17            Length(ft): 30.00
        Group: P14                   To Node: NP14A15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.480         17.320                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP14A21             From Node: NP14A21            Length(ft): 20.00
        Group: P14                   To Node: NP14A19                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 66.00          66.00                       Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.880         16.690                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP14A25             From Node: NP14A25            Length(ft): 138.00
        Group: P14                   To Node: NP14A23                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.500         16.450                          Bend Loss Coef: 0.00
```

```
  Manning's N: 0.012000       0.012000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14A29             From Node: NP14A29            Length(ft): 30.00
        Group: P14                   To Node: NP14A27                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 60.00          60.00                        Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                            Exit Loss Coef: 0.95
   Invert(ft): 16.080         16.180                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14B03             From Node: NP14B03            Length(ft): 30.00
        Group: P14                   To Node: NP14B01                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 60.00          60.00                        Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                            Exit Loss Coef: 0.95
   Invert(ft): 17.180         17.180                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14B07             From Node: NP14B07            Length(ft): 30.00
        Group: P14                   To Node: NP14B05                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 60.00          60.00                        Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                            Exit Loss Coef: 0.95
   Invert(ft): 16.120         15.940                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14B11             From Node: NP14B11            Length(ft): 61.00
        Group: P14                   To Node: NP14B09                 Count: 1
```

```
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 60.00          60.00                    Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                        Exit Loss Coef: 0.95
   Invert(ft): 17.050         17.150                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP14B15             From Node: NP14B15            Length(ft): 30.00
        Group: P14                   To Node: NP14B13                 Count: 1
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 52.00          52.00                    Entrance Loss Coef: 0.50
     Rise(in): 52.00          52.00                        Exit Loss Coef: 0.95
   Invert(ft): 16.630         17.650                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP14B19             From Node: NP14B19            Length(ft): 31.00
        Group: P14                   To Node: NP14B17                 Count: 1
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 66.00          66.00                    Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                        Exit Loss Coef: 0.95
   Invert(ft): 17.700         17.690                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP14B23             From Node: NP14B23            Length(ft): 159.00
        Group: P14                   To Node: NP14B21                 Count: 1
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Horz Ellipse   Horz Ellipse                           Flow: Both
     Span(in): 71.00          71.00                    Entrance Loss Coef: 0.50
     Rise(in): 47.00          47.00                        Exit Loss Coef: 0.95
   Invert(ft): 18.160         18.160                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Square edge with headwall

Downstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Square edge with headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP14B25             From Node: NP14B25            Length(ft): 39.00
        Group: P14                   To Node: NP14B23                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.260         18.160                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14B27             From Node: NP14B27            Length(ft): 104.00
        Group: P14                   To Node: NP14B25                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Horz Ellipse   Horz Ellipse                             Flow: Both
     Span(in): 71.00          71.00                       Entrance Loss Coef: 0.50
     Rise(in): 47.00          47.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.260         18.260                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Square edge with headwall

Downstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Square edge with headwall


-----------------------------------------------------------------------------------------------
         Name: RP14B33             From Node: NP14B33            Length(ft): 30.00
        Group: P14                   To Node: NP14B31                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.030         18.110                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14B37             From Node: NP14B37            Length(ft): 20.00
        Group: P14                   To Node: NP14B35                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.040         18.290                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP14B41             From Node: NP14B41            Length(ft): 30.00
        Group: P14                   To Node: NP14B39                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.260         18.310                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP14B45             From Node: NP14B45            Length(ft): 30.00
        Group: P14                   To Node: NP14B43                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.010         19.020                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP14C03             From Node: NP14C03            Length(ft): 24.00
        Group: P14                   To Node: NP14C01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.710         18.890                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP14C07             From Node: NP14C07            Length(ft): 30.00
        Group: P14                   To Node: NP14C05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
```

```
   Invert(ft): 18.830         18.770                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14C11             From Node: NP14C11            Length(ft): 21.00
        Group: P14                   To Node: NP14C09                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 36.00          36.00                      Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.940         19.030                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14C15             From Node: NP14C15            Length(ft): 48.00
        Group: P14                   To Node: NP14C13                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 30.00          30.00                      Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.540         18.390                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14C19             From Node: NP14C19            Length(ft): 31.00
        Group: P14                   To Node: NP14C17                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 36.00          36.00                      Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.160         19.030                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14C23             From Node: NP14C23            Length(ft): 31.00
```

```
        Group: P14                  To Node: NP14C21                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 30.00          30.00                     Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                         Exit Loss Coef: 0.95
   Invert(ft): 19.380         19.070                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14C25             From Node: NP14C25            Length(ft): 34.00
        Group: P13b                  To Node: NP14NBP                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 48.00          48.00                     Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.640         19.050                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14C27             From Node: NP14C27            Length(ft): 22.00
        Group: P13b                  To Node: NP14C25                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 30.00          30.00                     Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.890         18.880                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP14D09             From Node: NP14D09            Length(ft): 30.00
        Group: P13b                  To Node: NP14D07                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 36.00          36.00                     Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.980         19.090                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP14D21             From Node: NP14D21            Length(ft): 39.00
        Group: P13b                  To Node: NP14D19                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Horz Ellipse   Horz Ellipse                              Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.360         19.340                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Square edge with headwall

Downstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Square edge with headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP15A15             From Node: NP15A15            Length(ft): 72.00
        Group: P15                   To Node: NP15A13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 66.00          66.00                       Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.680         14.550                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP15A19             From Node: NP15A19            Length(ft): 24.00
        Group: P15                   To Node: NP15A17                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 72.00          72.00                       Entrance Loss Coef: 0.50
     Rise(in): 72.00          72.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.880         14.880                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP15B03             From Node: NP15B03            Length(ft): 24.00
        Group: P15                   To Node: NP15B01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 72.00          72.00                       Entrance Loss Coef: 0.50
     Rise(in): 72.00          72.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.980         14.980                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP15B07             From Node: NP15B07            Length(ft): 429.00
        Group: P15                   To Node: NP15B05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.280         15.080                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP15B09             From Node: NP15B09            Length(ft): 311.00
        Group: P15                   To Node: NP15B07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.380         15.280                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP15B11             From Node: NP15B11            Length(ft): 390.00
        Group: P15                   To Node: NP15B09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.480         15.380                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP15B13             From Node: NP15B13            Length(ft): 360.00
        Group: P15                   To Node: NP15B11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
```

```
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.580         15.480                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP15B15             From Node: NP15B15            Length(ft): 319.00
        Group: P15                   To Node: NP15B13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.680         15.580                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP15C01             From Node: NP15C01            Length(ft): 313.00
        Group: P15                   To Node: NP15B15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 54.00          54.00                       Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.780         15.680                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP15C03             From Node: NP15C03            Length(ft): 327.00
        Group: P15                   To Node: NP15C01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 54.00          54.00                       Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.880         15.780                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
```

```
         Name: RP15C05             From Node: NP15C05            Length(ft): 381.00
        Group: P15                   To Node: NP15C03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 54.00          54.00                       Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.980         15.880                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP15C07             From Node: NP15C07            Length(ft): 310.00
        Group: P15                   To Node: NP15C05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.480                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP15C09             From Node: NP15C09            Length(ft): 264.00
        Group: P15                   To Node: NP15C07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.680         16.580                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP15C11             From Node: NP15C11            Length(ft): 398.00
        Group: P15                   To Node: NP15C09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.780         16.680                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP15D09             From Node: NP15D09            Length(ft): 40.00
        Group: P13b                  To Node: NP15D07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.890         19.780                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP15E10             From Node: NP15E10            Length(ft): 546.00
        Group: P13b                  To Node: NP15E05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.080         19.780                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP15NBPA            From Node: NP15NBPA           Length(ft): 40.00
        Group: P13b                  To Node: NP14C25                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.490         18.780                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP16A05             From Node: NP16A05            Length(ft): 30.00
        Group: P16                   To Node: NP16A03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.650         14.510                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16A11             From Node: NP16A11            Length(ft): 91.00
        Group: P16                   To Node: NP16A09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.970         16.880                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16A17             From Node: NP16A17            Length(ft): 64.00
        Group: P16                   To Node: NP16A15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 66.00          66.00                       Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.010         15.510                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16B03             From Node: NP16B03            Length(ft): 70.00
        Group: P16                   To Node: NP16B01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.680         16.560                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16B07             From Node: NP16B07            Length(ft): 40.00
        Group: P16                   To Node: NP16B05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
```

```
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.700         16.480                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16B11             From Node: NP16B11            Length(ft): 40.00
        Group: P16                   To Node: NP16B09                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.540         16.400                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16B15             From Node: NP16B15            Length(ft): 40.00
        Group: P16                   To Node: NP16B13                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.540         16.570                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16B19             From Node: NP16B19            Length(ft): 30.00
        Group: P16                   To Node: NP16B17                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 54.00          54.00                      Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.140         16.680                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP16B23             From Node: NP16B23            Length(ft): 40.00
        Group: P16                   To Node: NP16B21                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.940         16.810                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16B27             From Node: NP16B27            Length(ft): 48.00
        Group: P16                   To Node: NP16B25                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.070         16.900                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16C03             From Node: NP16C03            Length(ft): 30.00
        Group: P16                   To Node: NP16C01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.210         17.310                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16C07             From Node: NP16C07            Length(ft): 64.00
        Group: P16                   To Node: NP16C05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.250         17.300                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP16C11             From Node: NP16C11            Length(ft): 30.00
        Group: P16                   To Node: NP16C09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.420         17.330                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP16C15             From Node: NP16C15            Length(ft): 37.00
        Group: P16                   To Node: NP16C13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.360         18.070                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP16C19             From Node: NP16C19            Length(ft): 64.00
        Group: P16                   To Node: NP16C17                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.610         17.440                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP16C23             From Node: NP16C23            Length(ft): 64.00
        Group: P16                   To Node: NP16C21                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.000         18.050                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
```

```
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16C27             From Node: NP16C27            Length(ft): 64.00
        Group: P16                   To Node: NP16C25                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.150         17.980                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16C31             From Node: NP16C31            Length(ft): 30.00
        Group: P16                   To Node: NP16C29                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.330         19.260                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16D07             From Node: NP16D07            Length(ft): 25.00
        Group: P18                   To Node: NP16D05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.060         18.880                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16D11             From Node: NP16D11            Length(ft): 30.00
        Group: P18                   To Node: NP16D09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
```

```
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 30.00          30.00                     Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.820         18.950                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP16D15             From Node: NP16D15            Length(ft): 40.00
        Group: P18                   To Node: NP16D13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 36.00          36.00                     Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                         Exit Loss Coef: 0.95
   Invert(ft): 16.520         17.990                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP16D19             From Node: NP16D19            Length(ft): 24.00
        Group: P18                   To Node: NP16D17                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 36.00          36.00                     Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                         Exit Loss Coef: 0.95
   Invert(ft): 15.500         15.270                        Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP16D23             From Node: NP16D23            Length(ft): 21.00
        Group: P18                   To Node: NP16D21                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 36.00          36.00                     Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.400         18.320                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP16D27             From Node: NP16D27            Length(ft): 40.00
        Group: P18                   To Node: NP16D25                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.110         18.880                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16E03             From Node: NP16E03            Length(ft): 31.00
        Group: P18                   To Node: NP16E01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.050         19.430                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16E11             From Node: NP16E11            Length(ft): 29.00
        Group: P18                   To Node: NP16E09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.160         18.830                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP16SBPA            From Node: NP16SBPA           Length(ft): 49.00
        Group: P18                   To Node: NP17SBP                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 54.00          54.00                       Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.240         18.530                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP17A11             From Node: NP17A11            Length(ft): 64.00
        Group: P17                   To Node: NP17A09                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 66.00          66.00                      Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.290         15.850                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP17A15             From Node: NP17A15            Length(ft): 72.00
        Group: P17                   To Node: NP17A13                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.810         16.460                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP17B03             From Node: NP17B03            Length(ft): 40.00
        Group: P17                   To Node: NP17B01                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.280         17.130                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP17B07             From Node: NP17B07            Length(ft): 30.00
        Group: P17                   To Node: NP17B05                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.150         18.140                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
```

```
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP17B11             From Node: NP17B11            Length(ft): 40.00
        Group: P17                   To Node: NP17B09                 Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 66.00          66.00                         Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                             Exit Loss Coef: 0.95
   Invert(ft): 16.940         16.950                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP17B15             From Node: NP17B15            Length(ft): 30.00
        Group: P17                   To Node: NP17B13                 Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 54.00          54.00                         Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                             Exit Loss Coef: 0.95
   Invert(ft): 17.400         17.020                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP17B19             From Node: NP17B19            Length(ft): 20.00
        Group: P17                   To Node: NP17B17                 Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 54.00          54.00                         Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                             Exit Loss Coef: 0.95
   Invert(ft): 18.260         18.010                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP17B23             From Node: NP17B23            Length(ft): 48.00
        Group: P17                   To Node: NP17B21                 Count: 1
                                                             Friction Equation: Average Conveyance
```

```
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.670         18.270                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP17B27             From Node: NP17B27            Length(ft): 31.00
        Group: P17                   To Node: NP17B25                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.270         18.150                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP17B31             From Node: NP17B31            Length(ft): 64.00
        Group: P17                   To Node: NP17B29                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.750         17.460                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP17C03             From Node: NP17C03            Length(ft): 29.00
        Group: P17                   To Node: NP17C01                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Horz Ellipse   Horz Ellipse                            Flow: Both
     Span(in): 42.00          42.00                      Entrance Loss Coef: 0.50
     Rise(in): 28.00          28.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.440         19.780                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Square edge with headwall

Downstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Square edge with headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP17C07             From Node: NP17C07            Length(ft): 39.00
        Group: P17                   To Node: NP17C05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.900         18.450                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP17C11             From Node: NP17C11            Length(ft): 64.00
        Group: P17                   To Node: NP17C09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.000         17.810                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP17C13             From Node: NP17C12            Length(ft): 64.00
        Group: P17                   To Node: NP17C11A                Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.010         18.010                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP17C15             From Node: NP17C15            Length(ft): 64.00
        Group: P17                   To Node: NP17C13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.150         18.010                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP17C19             From Node: NP17C19            Length(ft): 32.00
        Group: P17                   To Node: NP17C17                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                      Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.680         19.500                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP17D03             From Node: NP17D03            Length(ft): 40.00
        Group: P18                   To Node: NP17D01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.890         17.820                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP17D07             From Node: NP17D07            Length(ft): 30.00
        Group: P18                   To Node: NP17D05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                      Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.150         19.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP17D11             From Node: NP17D11            Length(ft): 30.00
        Group: P18                   To Node: NP17D09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                      Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.040         19.000                         Bend Loss Coef: 0.00
```

```
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP17D15             From Node: NP17D15            Length(ft): 29.00
        Group: P18                   To Node: NP17D13                 Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 30.00          30.00                         Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                             Exit Loss Coef: 0.95
   Invert(ft): 19.140         18.970                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP17D19             From Node: NP17D19            Length(ft): 30.00
        Group: P18                   To Node: NP17D17                 Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 30.00          30.00                         Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                             Exit Loss Coef: 0.95
   Invert(ft): 18.370         18.000                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP17E03             From Node: NP17E03            Length(ft): 49.00
        Group: P18                   To Node: NP17E01                 Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 30.00          30.00                         Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                             Exit Loss Coef: 0.95
   Invert(ft): 18.510         19.240                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP17E11             From Node: NP17E11            Length(ft): 40.00
        Group: P18                   To Node: NP17E09                 Count: 1
```

```
                                                        Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                   Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                       Exit Loss Coef: 0.95
   Invert(ft): 20.160         19.000                      Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP17SBPA            From Node: NP17SBPA           Length(ft): 50.00
        Group: P18                   To Node: NP18C15                 Count: 1
                                                        Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 66.00          66.00                   Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                       Exit Loss Coef: 0.95
   Invert(ft): 16.490         16.700                      Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP18B09             From Node: NP18B09            Length(ft): 31.00
        Group: P18                   To Node: NP18B07                 Count: 1
                                                        Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                   Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                       Exit Loss Coef: 0.95
   Invert(ft): 17.770         18.190                      Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting


-----------------------------------------------------------------------------------------------------
         Name: RP18C05             From Node: NP18C05            Length(ft): 30.00
        Group: P18                   To Node: NP18C03                 Count: 1
                                                        Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 60.00          60.00                   Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                       Exit Loss Coef: 0.95
   Invert(ft): 16.930         16.700                      Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP18C09             From Node: NP18C09            Length(ft): 30.00
        Group: P18                   To Node: NP18C07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.720         17.350                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP18C13             From Node: NP18C13            Length(ft): 65.00
        Group: P18                   To Node: NP18C11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.870         17.250                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP18D15             From Node: NP18D15            Length(ft): 40.00
        Group: P18                   To Node: NP18D13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.560         18.070                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP18D19             From Node: NP18D19            Length(ft): 39.00
        Group: P18                   To Node: NP18D17                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.110         18.030                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
---------------------------------------------------------------------------------------------------
         Name: RP18E03             From Node: NP18E03            Length(ft): 39.00
        Group: P18                   To Node: NP18E01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.530         18.040                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
---------------------------------------------------------------------------------------------------
         Name: RP18E11             From Node: NP18E11            Length(ft): 30.00
        Group: P18                   To Node: NP18E09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.370         20.620                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting

```
---------------------------------------------------------------------------------------------------
         Name: RP19A05             From Node: NP19A05            Length(ft): 39.00
        Group: P19                   To Node: NP19A03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 66.00          66.00                       Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.340         14.290                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
---------------------------------------------------------------------------------------------------
         Name: RP19A11             From Node: NP19A11            Length(ft): 39.00
        Group: P19                   To Node: NP19A09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
```

```
   Invert(ft): 15.260         15.610                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RP19A15             From Node: NP19A15            Length(ft): 39.00
        Group: P19                   To Node: NP19A13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.100         15.690                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RP19B03             From Node: NP19B03            Length(ft): 39.00
        Group: P19                   To Node: NP19B01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.090         15.520                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RP19B07             From Node: NP19B07            Length(ft): 40.00
        Group: P19                   To Node: NP19B05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 54.00          54.00                      Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.870         15.330                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RP19B13             From Node: NP19B13            Length(ft): 40.00
```

```
        Group: P19                  To Node: NP19B11                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 48.00          48.00                     Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                         Exit Loss Coef: 0.95
   Invert(ft): 16.570         16.690                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP19C09             From Node: NP19C09            Length(ft): 73.00
        Group: P19                  To Node: NP19C07                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 48.00          48.00                     Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                         Exit Loss Coef: 0.95
   Invert(ft): 17.600         17.650                        Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP19C13             From Node: NP19C13            Length(ft): 50.00
        Group: P19                  To Node: NP19C11                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 36.00          36.00                     Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                         Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RP19C17             From Node: NP19C17            Length(ft): 49.00
        Group: P19                  To Node: NP19C15                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 36.00          36.00                     Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                         Exit Loss Coef: 0.95
   Invert(ft): 17.540         17.780                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP19D03             From Node: NP19D03            Length(ft): 49.00
        Group: P19                   To Node: NP19D01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.980         17.220                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP19D07             From Node: NP19D07            Length(ft): 100.00
        Group: P19                   To Node: NP19D05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.210         16.870                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP19D11             From Node: NP19D11            Length(ft): 30.00
        Group: P19                   To Node: NP19D09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.000         17.400                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP19D15             From Node: NP19D15            Length(ft): 50.00
        Group: P19                   To Node: NP19D13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.160         16.970                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP20A05             From Node: NP20A05            Length(ft): 40.00
        Group: P20                   To Node: NP20A03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.080         13.630                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP20A09             From Node: NP20A09            Length(ft): 40.00
        Group: P20                   To Node: NP20A07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.260         15.140                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP20A13             From Node: NP20A13            Length(ft): 43.00
        Group: P20                   To Node: NP20A11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.230         15.980                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP20A17             From Node: NP20A17            Length(ft): 40.00
        Group: P20                   To Node: NP20A15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
```

```
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.940         15.930                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP20B03             From Node: NP20B03            Length(ft): 40.00
        Group: P20                   To Node: NP20B01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 54.00          54.00                       Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.190         15.960                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP20B09             From Node: NP20B09            Length(ft): 40.00
        Group: P20                   To Node: NP20B07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 54.00          54.00                       Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.190         16.070                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP20B13             From Node: NP20B13            Length(ft): 40.00
        Group: P20                   To Node: NP20B11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.400         16.460                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
```

```
         Name: RP20B17             From Node: NP20B17            Length(ft): 40.00
        Group: P20                   To Node: NP20B15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.400         17.010                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP20C03             From Node: NP20C03            Length(ft): 40.00
        Group: P20                   To Node: NP20C01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.540         15.820                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP20C09             From Node: NP20C09            Length(ft): 40.00
        Group: P20                   To Node: NP20C07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.640         17.740                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP20C13             From Node: NP20C13            Length(ft): 75.00
        Group: P20                   To Node: NP20C11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.860         17.910                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP20C17             From Node: NP20C17            Length(ft): 50.00
        Group: P20                   To Node: NP20C15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.260         17.360                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP20C21             From Node: NP20C21            Length(ft): 40.00
        Group: P20                   To Node: NP20C19                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.480                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP20D03             From Node: NP20D03            Length(ft): 50.00
        Group: P20                   To Node: NP20D01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.540         17.830                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP20D09             From Node: NP20D09            Length(ft): 30.00
        Group: P20                   To Node: NP20D07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.770         17.000                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP20E05             From Node: NP20E05            Length(ft): 40.00
        Group: P20                   To Node: NP20E03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.110         19.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21A05             From Node: NP21A05            Length(ft): 40.00
        Group: P21                   To Node: NP21A03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 66.00          66.00                       Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.780         15.280                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21A09             From Node: NP21A09            Length(ft): 40.00
        Group: P21                   To Node: NP21A07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.270         15.840                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21A15             From Node: NP21A15            Length(ft): 40.00
        Group: P21                   To Node: NP21A13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
```

```
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.670         16.670                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21B03             From Node: NP21B03            Length(ft): 40.00
        Group: P21                   To Node: NP21B01                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.380         16.670                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21B07             From Node: NP21B07            Length(ft): 40.00
        Group: P21                   To Node: NP21B05                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 54.00          54.00                      Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.500         16.850                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21B11             From Node: NP21B11            Length(ft): 40.00
        Group: P21                   To Node: NP21B09                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 54.00          54.00                      Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.890         15.720                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP21B17             From Node: NP21B17            Length(ft): 40.00
        Group: P21                   To Node: NP21B15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.900         17.420                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21C05             From Node: NP21C05            Length(ft): 30.00
        Group: P21                   To Node: NP21C03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 54.00          54.00                       Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.990         17.060                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21C09             From Node: NP21C09            Length(ft): 42.00
        Group: P21                   To Node: NP21C07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 54.00          54.00                       Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.370         17.760                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21C13             From Node: NP21C13            Length(ft): 30.00
        Group: P21                   To Node: NP21C11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.940         18.480                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP21C17             From Node: NP21C17            Length(ft): 129.00
        Group: P21                   To Node: NP21C15                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.860         18.300                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP21C21             From Node: NP21C21            Length(ft): 30.00
        Group: P21                   To Node: NP21C19                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.870         17.760                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP21D03             From Node: NP21D03            Length(ft): 30.00
        Group: P21                   To Node: NP21D01                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.820         17.900                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP21D07             From Node: NP21D07            Length(ft): 40.00
        Group: P21                   To Node: NP21D05                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.130         18.510                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
```

```
 Bot Clip(in): 6.000          6.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21D11             From Node: NP21D11            Length(ft): 40.00
        Group: P21                   To Node: NP21D09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.950         17.890                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21D15             From Node: NP21D15            Length(ft): 50.00
        Group: P21                   To Node: NP21D13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.100         18.450                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21D19             From Node: NP21D19            Length(ft): 30.00
        Group: P21                   To Node: NP21D17                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.310         19.290                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP21D23             From Node: NP21D23            Length(ft): 40.00
        Group: P21                   To Node: NP21D21                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
```

```
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 30.00          30.00                     Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.510         17.720                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP21E03             From Node: NP21E03            Length(ft): 20.00
        Group: P21                   To Node: NP21E01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 30.00          30.00                     Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.610         18.470                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP21E07             From Node: NP21E07            Length(ft): 33.00
        Group: P21                   To Node: NP21E05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 18.00          18.00                     Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.920         18.770                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP21E13             From Node: NP21E13            Length(ft): 21.00
        Group: P21                   To Node: NP21E11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 24.00          24.00                     Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                         Exit Loss Coef: 0.95
   Invert(ft): 21.280         20.910                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP21E17             From Node: NP21E17            Length(ft): 40.00
        Group: P21                   To Node: NP21E15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.430         20.240                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP22A05             From Node: NP22A05            Length(ft): 40.00
        Group: P22                   To Node: NP22A03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.120         15.640                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP22A09             From Node: NP22A09            Length(ft): 40.00
        Group: P22                   To Node: NP22A07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.590         15.110                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP22A13             From Node: NP22A13            Length(ft): 40.00
        Group: P22                   To Node: NP22A11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.350         16.070                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP22A17             From Node: NP22A17            Length(ft): 40.00
        Group: P22                   To Node: NP22A15                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.670         15.280                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP22B03             From Node: NP22B03            Length(ft): 40.00
        Group: P22                   To Node: NP22B01                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 60.00          60.00                      Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.930         16.420                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP22B07             From Node: NP22B07            Length(ft): 43.00
        Group: P22                   To Node: NP22B05                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 52.00          52.00                      Entrance Loss Coef: 0.50
     Rise(in): 52.00          52.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.960         15.740                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RP22B11             From Node: NP22B11            Length(ft): 40.00
        Group: P22                   To Node: NP22B09                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 52.00          52.00                      Entrance Loss Coef: 0.50
     Rise(in): 52.00          52.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.590         17.170                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
```

```
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP22B15             From Node: NP22B15            Length(ft): 40.00
        Group: P22                   To Node: NP22B13                 Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 48.00          48.00                         Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                             Exit Loss Coef: 0.95
   Invert(ft): 16.210         16.090                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP22C05             From Node: NP22C05            Length(ft): 40.00
        Group: P22                   To Node: NP22C03                 Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 48.00          48.00                         Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                             Exit Loss Coef: 0.95
   Invert(ft): 16.490         17.170                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP22C09             From Node: NP22C09            Length(ft): 40.00
        Group: P22                   To Node: NP22C07                 Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 48.00          48.00                         Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                             Exit Loss Coef: 0.95
   Invert(ft): 16.340         17.260                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                        Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                          Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP22C13             From Node: NP22C13            Length(ft): 121.00
        Group: P22                   To Node: NP22C11                 Count: 1
                                                             Friction Equation: Average Conveyance
```

```
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.280         17.390                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP22C17             From Node: NP22C17            Length(ft): 30.00
        Group: P22                   To Node: NP22C15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 42.00          42.00                      Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.190         17.190                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP22C21             From Node: NP22C21            Length(ft): 38.00
        Group: P22                   To Node: NP22C19                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.880         17.740                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP22D03             From Node: NP22D03            Length(ft): 30.00
        Group: P22                   To Node: NP22D01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 36.00          36.00                      Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.820         18.200                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP22D07             From Node: NP22D07            Length(ft): 20.00
        Group: P22                   To Node: NP22D05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.820         18.530                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP22D11             From Node: NP22D11            Length(ft): 30.00
        Group: P22                   To Node: NP22D09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.790         17.650                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP22D17             From Node: NP22D17            Length(ft): 29.00
        Group: P22                   To Node: NP22D15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.440         17.800                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP22E03             From Node: NP22E03            Length(ft): 30.00
        Group: P22                   To Node: NP22E01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.040         18.970                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP22E07             From Node: NP22E07            Length(ft): 19.00
        Group: P22                   To Node: NP22E05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 15.00          15.00                       Entrance Loss Coef: 0.50
     Rise(in): 15.00          15.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.270         19.340                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP22E11             From Node: NP22E11            Length(ft): 35.00
        Group: P22                   To Node: NP22E09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.870         18.280                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP23A05             From Node: NP23A05            Length(ft): 40.00
        Group: P23                   To Node: NP23A03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.250         17.110                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RP23C09             From Node: NP23C09            Length(ft): 40.00
        Group: P23                   To Node: NP23C07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.620         18.070                          Bend Loss Coef: 0.00
```

```
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP23C13             From Node: NP23C13            Length(ft): 30.00
        Group: P23                   To Node: NP23C11                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 30.00          30.00                        Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                            Exit Loss Coef: 0.95
   Invert(ft): 18.210         18.360                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP23C17             From Node: NP23C17            Length(ft): 24.00
        Group: P23                   To Node: NP23C15                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Horz Ellipse   Horz Ellipse                               Flow: Both
     Span(in): 60.00          60.00                        Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                            Exit Loss Coef: 0.95
   Invert(ft): 17.870         18.090                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Square edge with headwall

Downstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Square edge with headwall


-----------------------------------------------------------------------------------------------
         Name: RP23D03             From Node: NP23D03            Length(ft): 28.00
        Group: P23                   To Node: NP23D01                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 36.00          36.00                        Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                            Exit Loss Coef: 0.95
   Invert(ft): 17.320         17.050                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP23D07             From Node: NP23D07            Length(ft): 30.00
        Group: P23                   To Node: NP23D05                 Count: 1
```

```
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                    Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                        Exit Loss Coef: 0.95
   Invert(ft): 17.650         17.580                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP23D11             From Node: NP23D11            Length(ft): 40.00
        Group: P23                   To Node: NP23D09                 Count: 1
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                    Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                        Exit Loss Coef: 0.95
   Invert(ft): 19.110         18.890                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP23D15             From Node: NP23D15            Length(ft): 50.00
        Group: P23                   To Node: NP23D13                 Count: 1
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                    Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                        Exit Loss Coef: 0.95
   Invert(ft): 19.190         18.400                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RP23D19             From Node: NP23D19            Length(ft): 39.00
        Group: P23                   To Node: NP23D17                 Count: 1
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                    Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                        Exit Loss Coef: 0.95
   Invert(ft): 18.120         19.280                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RP23E05             From Node: NP23E05            Length(ft): 20.00
        Group: P23                   To Node: NP23E03                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                     Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.480         18.480                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP23E09             From Node: NP23E09            Length(ft): 30.00
        Group: P23                   To Node: NP23E07                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                     Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.300         18.910                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP24C09             From Node: NP24C09            Length(ft): 50.00
        Group: P24                   To Node: NP24C07                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                     Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                         Exit Loss Coef: 0.95
   Invert(ft): 17.830         17.480                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RP24E07             From Node: NP24E07            Length(ft): 56.00
        Group: P24                   To Node: NP24E05                 Count: 1
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                     Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.240         18.270                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                       Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL1-A              From Node: NPL1-A             Length(ft): 40.00
        Group: P01                   To Node: NP01A07                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL1-B              From Node: NPL1-B             Length(ft): 40.00
        Group: P01                   To Node: NP01B07                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL1-C              From Node: NPL1-C             Length(ft): 40.00
        Group: P01                   To Node: NP01C01                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 23.080         22.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL1-D              From Node: NPL1-D             Length(ft): 40.00
        Group: P01                   To Node: NP01D01                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
```

```
   Invert(ft): 23.080         22.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL10-A1            From Node: NPL10-A            Length(ft): 40.00
        Group: P10                   To Node: NP10A13                 Count: 3
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL10-A2            From Node: NPL10-A            Length(ft): 40.00
        Group: P10                   To Node: NP10A13                 Count: 2
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL10-B1            From Node: NPL10-B            Length(ft): 40.00
        Group: P10                   To Node: NP10B03                 Count: 4
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL10-B2            From Node: NPL10-B            Length(ft): 40.00
```

```
        Group: P10                  To Node: NP10B03                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.580         18.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL10-C             From Node: NPL10-C            Length(ft): 40.00
        Group: P10                  To Node: NP10C01                Count: 6
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL10-D1            From Node: NPL10-D            Length(ft): 40.00
        Group: P10                  To Node: NP10D01                Count: 5
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL10-D2            From Node: NPL10-D            Length(ft): 40.00
        Group: P10                  To Node: NP10D01                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL10-E             From Node: NPL10-E            Length(ft): 40.00
        Group: P10                   To Node: NP10E01                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 23.500         23.000                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL11-A             From Node: NPL11-A            Length(ft): 40.00
        Group: P11                   To Node: NP11A10                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL11-B1            From Node: NPL11-B            Length(ft): 40.00
        Group: P11                   To Node: NP11B05                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.080         19.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL11-B2            From Node: NPL11-B            Length(ft): 40.00
        Group: P11                   To Node: NP11B05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL11-C             From Node: NPL11-C            Length(ft): 40.00
        Group: P11                   To Node: NP11C01                 Count: 5
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL11-D             From Node: NPL11-D            Length(ft): 40.00
        Group: P11                   To Node: NP11D05                 Count: 5
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL11-E             From Node: NPL11-E            Length(ft): 40.00
        Group: P11                   To Node: NP11E05                 Count: 5
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 23.000         22.500                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL12-A1            From Node: NPL12-A            Length(ft): 40.00
        Group: P12                   To Node: NP12A09                 Count: 2
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
```

```
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL12-A2            From Node: NPL12-A            Length(ft): 40.00
        Group: P12                   To Node: NP12A09                 Count: 2
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 18.580         18.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL12-B1            From Node: NPL12-B            Length(ft): 40.00
        Group: P12                   To Node: NP12B05                 Count: 3
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL12-B2            From Node: NPL12-B            Length(ft): 40.00
        Group: P12                   To Node: NP12B05                 Count: 2
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
```

```
         Name: RPL12-C1            From Node: NPL12-C            Length(ft): 40.00
        Group: P12                   To Node: NP12C01                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL12-C2            From Node: NPL12-C            Length(ft): 40.00
        Group: P12                   To Node: NP12C01                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL12-D             From Node: NPL12-D            Length(ft): 40.00
        Group: P12                   To Node: NP12D05                 Count: 10
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 22.000         21.500                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL12-E             From Node: NPL12-E            Length(ft): 40.00
        Group: P12                   To Node: NP12E01                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 23.000         22.500                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL13-A1            From Node: NPL13-A            Length(ft): 40.00
        Group: P13a                  To Node: NP13aA09                Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL13-A2            From Node: NPL13-A            Length(ft): 40.00
        Group: P13a                  To Node: NP13aA09                Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL13-B1            From Node: NPL13-B            Length(ft): 40.00
        Group: P13a                  To Node: NP13aB01                Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL13-B2            From Node: NPL13-B            Length(ft): 40.00
        Group: P13a                  To Node: NP13aB01                Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL13-C1            From Node: NPL13-C            Length(ft): 40.00
        Group: P13a                  To Node: NP13aC01                Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL13-C2            From Node: NPL13-C            Length(ft): 40.00
        Group: P13a                  To Node: NP13aC01                Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL13b-A            From Node: NPL13b-A           Length(ft): 40.00
        Group: P13b                  To Node: NP13bA05                Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL13b-B            From Node: NPL13b-B           Length(ft): 40.00
        Group: P13b                  To Node: NP13bB01                Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
```

```
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL13b-C            From Node: NPL13b-C           Length(ft): 40.00
        Group: P13b                  To Node: NP13bC01                Count: 3
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                     Solution Algorithm: Automatic
     Geometry: Circular       Circular                                   Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL13b-D            From Node: NPL13b-D           Length(ft): 40.00
        Group: P13b                  To Node: NP13bD10                Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                     Solution Algorithm: Automatic
     Geometry: Circular       Circular                                   Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 24.580         24.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL14-A1            From Node: NPL14-A            Length(ft): 40.00
        Group: P14                   To Node: NP14A07                 Count: 5
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                     Solution Algorithm: Automatic
     Geometry: Circular       Circular                                   Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RPL14-A2            From Node: NPL14-A            Length(ft): 40.00
        Group: P14                   To Node: NP14A07                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL14-B             From Node: NPL14-B            Length(ft): 40.00
        Group: P14                   To Node: NP14B05                 Count: 15
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL14-C             From Node: NPL14-C            Length(ft): 40.00
        Group: P14                   To Node: NP14C05                 Count: 12
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL14-D             From Node: NPL14-D            Length(ft): 40.00
        Group: P13b                  To Node: NP14D01                 Count: 8
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 23.080         22.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL14-E             From Node: NPL14-E            Length(ft): 40.00
        Group: P13b                  To Node: NP14E01                 Count: 7
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 23.500         23.000                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL15-A1            From Node: NPL15-A            Length(ft): 40.00
        Group: P15                   To Node: NP15A05                 Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.080         19.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL15-A2            From Node: NPL15-A            Length(ft): 40.00
        Group: P15                   To Node: NP15A05                 Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL15-B             From Node: NPL15-B            Length(ft): 40.00
        Group: P15                   To Node: NP15B01                 Count: 16
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
```

```
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL15-C             From Node: NPL15-C            Length(ft): 40.00
        Group: P15                   To Node: NP15C01                 Count: 18
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL15-D             From Node: NPL15-D            Length(ft): 40.00
        Group: P13b                  To Node: NP15D01                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 23.080         22.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL15-E             From Node: NPL15-E            Length(ft): 40.00
        Group: P13b                  To Node: NP15E05                 Count: 6
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 23.000         22.500                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL16-A             From Node: NPL16-A            Length(ft): 40.00
        Group: P16                   To Node: NP16A07                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
```

```
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 20.080         19.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RPL16-B             From Node: NPL16-B            Length(ft): 40.00
        Group: P16                   To Node: NP16B05                 Count: 14
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RPL16-C             From Node: NPL16-C            Length(ft): 40.00
        Group: P16                   To Node: NP16C05                 Count: 16
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RPL16-D             From Node: NPL16-D            Length(ft): 40.00
        Group: P18                   To Node: NP16D05                 Count: 16
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 23.580         23.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RPL16-E             From Node: NPL16-E            Length(ft): 40.00
        Group: P18                   To Node: NP16E01                 Count: 14
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 22.500         22.000                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL17-A             From Node: NPL17-A            Length(ft): 40.00
        Group: P17                   To Node: NP17A05                 Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL17-B             From Node: NPL17-B            Length(ft): 40.00
        Group: P17                   To Node: NP17B05                 Count: 12
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL17-C             From Node: NPL17-C            Length(ft): 40.00
        Group: P17                   To Node: NP17C01                 Count: 16
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL17-D             From Node: NPL17-D            Length(ft): 40.00
        Group: P18                   To Node: NP17D05                 Count: 6
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 23.080         22.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL17-E             From Node: NPL17-E            Length(ft): 40.00
        Group: P18                   To Node: NP17E01                 Count: 8
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 22.500         22.000                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL18-A             From Node: NPL18-A            Length(ft): 40.00
        Group: P18                   To Node: NP18A10                 Count: 4
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL18-B             From Node: NPL18-B            Length(ft): 40.00
        Group: P18                   To Node: NP18B11                 Count: 9
                                                          Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 20.080         19.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
```

```
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL18-C             From Node: NPL18-C            Length(ft): 40.00
        Group: P18                   To Node: NP18C11                 Count: 10
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL18-D1            From Node: NPL18-D            Length(ft): 40.00
        Group: P18                   To Node: NP18D17                 Count: 9
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 22.500         22.000                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL18-D2            From Node: NPL18-D            Length(ft): 40.00
        Group: P18                   To Node: NP18D17                 Count: 1
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 23.080         22.580                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL19-A             From Node: NPL19-A            Length(ft): 40.00
        Group: P19                   To Node: NP19A09                 Count: 3
                                                             Friction Equation: Average Conveyance
```

```
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 20.080         19.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RPL19-B             From Node: NPL19-B            Length(ft): 40.00
        Group: P19                   To Node: NP19B09                 Count: 3
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RPL19-C             From Node: NPL19-C            Length(ft): 40.00
        Group: P19                   To Node: NP19C07                 Count: 6
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RPL19-D1            From Node: NPL19-D            Length(ft): 40.00
        Group: P19                   To Node: NP19E01                 Count: 5
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 22.000         21.500                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RPL19-D2            From Node: NPL19-D            Length(ft): 40.00
        Group: P19                   To Node: NP19E01                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL2-A              From Node: NPL2-A             Length(ft): 40.00
        Group: P02                   To Node: NP02A15                 Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RPL2-B              From Node: NPL2-B             Length(ft): 40.00
        Group: P02                   To Node: NP02B05                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 22.080         21.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RPL2-C              From Node: NPL2-C             Length(ft): 40.00
        Group: P02                   To Node: NP02C05                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 22.580         22.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RPL2-D              From Node: NPL2-D            Length(ft): 40.00
        Group: P02                   To Node: NP02D05                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 25.580         25.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RPL20-A             From Node: NPL20-A           Length(ft): 40.00
        Group: P20                   To Node: NP20A11                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RPL20-B             From Node: NPL20-B           Length(ft): 40.00
        Group: P20                   To Node: NP20B11                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RPL20-C             From Node: NPL20-C           Length(ft): 40.00
        Group: P20                   To Node: NP20C11                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 20.080         19.580                         Bend Loss Coef: 0.00
```

```
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL20-D1            From Node: NPL20-D            Length(ft): 40.00
        Group: P20                   To Node: NP20E01                 Count: 6
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                         Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                             Exit Loss Coef: 0.95
   Invert(ft): 22.000         21.500                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL20-D2            From Node: NPL20-D            Length(ft): 40.00
        Group: P20                   To Node: NP20E01                 Count: 3
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                         Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                             Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL21-A             From Node: NPL21-A            Length(ft): 40.00
        Group: P21                   To Node: NP21A11                 Count: 4
                                                             Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                         Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                             Exit Loss Coef: 0.95
   Invert(ft): 20.080         19.580                            Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL21-B             From Node: NPL21-B            Length(ft): 40.00
        Group: P21                   To Node: NP21B13                 Count: 5
```

```
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                    Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                        Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RPL21-C             From Node: NPL21-C            Length(ft): 40.00
        Group: P21                   To Node: NP21C15                 Count: 5
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                    Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                        Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RPL21-D             From Node: NPL21-D            Length(ft): 40.00
        Group: P21                   To Node: NP21D21                 Count: 8
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                    Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                        Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RPL22-A             From Node: NPL22-A            Length(ft): 40.00
        Group: P22                   To Node: NP22A07                 Count: 5
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                    Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                        Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RPL22-B             From Node: NPL22-B            Length(ft): 40.00
        Group: P22                   To Node: NP22B09                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL22-C             From Node: NPL22-C            Length(ft): 40.00
        Group: P22                   To Node: NP22C11                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL22-D             From Node: NPL22-D            Length(ft): 40.00
        Group: P22                   To Node: NP22E01                 Count: 8
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL23-A             From Node: NPL23-A            Length(ft): 40.00
        Group: P23                   To Node: NP23A10                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL23-B             From Node: NPL23-B            Length(ft): 40.00
        Group: P23                   To Node: NP23B05                 Count: 7
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL23-C             From Node: NPL23-C            Length(ft): 40.00
        Group: P23                   To Node: NP23C07                 Count: 6
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL23-D             From Node: NPL23-D            Length(ft): 40.00
        Group: P23                   To Node: NP23D17                 Count: 9
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL24-A             From Node: NPL24-A            Length(ft): 40.00
        Group: P24                   To Node: NP24A05                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.90
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
```

```
   Invert(ft): 19.080         18.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL24-B             From Node: NPL24-B            Length(ft): 40.00
        Group: P24                   To Node: NP24B05                 Count: 2
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL24-C             From Node: NPL24-C            Length(ft): 40.00
        Group: P24                   To Node: NP24C05                 Count: 2
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL24-D             From Node: NPL24-D            Length(ft): 40.00
        Group: P24                   To Node: NP24D10                 Count: 5
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------
         Name: RPL3-B              From Node: NPL3-B             Length(ft): 40.00
```

```
        Group: P03                  To Node: NP03B05                Count: 4
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 22.080         21.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL3-C              From Node: NPL3-C             Length(ft): 40.00
        Group: P03                  To Node: NP03C01                Count: 3
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 22.080         21.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL3-D              From Node: NPL3-D             Length(ft): 40.00
        Group: P03                  To Node: NP03D05                Count: 7
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 26.080         25.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL4-B              From Node: NPL4-B             Length(ft): 40.00
        Group: P04                  To Node: NP04B05                Count: 3
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL4-C              From Node: NPL4-C             Length(ft): 40.00
        Group: P04                   To Node: NP04B15                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL4-D              From Node: NPL4-D             Length(ft): 40.00
        Group: P04                   To Node: NP04D05                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 24.580         24.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL4-E              From Node: NPL4-E             Length(ft): 40.00
        Group: P04                   To Node: NP04E05                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 27.080         26.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL5-B              From Node: NPL5-B             Length(ft): 40.00
        Group: P05                   To Node: NP05B05                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 22.080         21.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL5-C              From Node: NPL5-C             Length(ft): 40.00
        Group: P05                   To Node: NP05C01                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL5-D              From Node: NPL5-D             Length(ft): 40.00
        Group: P05                   To Node: NP05D05                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 24.080         23.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL5-E              From Node: NPL5-E             Length(ft): 40.00
        Group: P05                   To Node: NP05E05                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 27.580         27.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL6-A              From Node: NPL6-A             Length(ft): 40.00
        Group: P06                   To Node: NP06A09                 Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
```

```
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 20.080         19.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL6-B              From Node: NPL6-B             Length(ft): 40.00
        Group: P06                   To Node: NP06B05                 Count: 4
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 22.080         21.580                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL6-C              From Node: NPL6-C             Length(ft): 40.00
        Group: P06                   To Node: NP06C01                 Count: 4
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
         Name: RPL6-D              From Node: NPL6-D             Length(ft): 40.00
        Group: P06                   To Node: NP06D05                 Count: 4
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 22.080         21.580                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



-----------------------------------------------------------------------------------------------------
```

```
         Name: RPL6-E              From Node: NPL6-E             Length(ft): 40.00
        Group: P06                   To Node: NP06E05                Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 27.080         26.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL7-A              From Node: NPL7-A             Length(ft): 40.00
        Group: P07                   To Node: NP07A10                Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.080         19.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL7-B              From Node: NPL7-B             Length(ft): 40.00
        Group: P07                   To Node: NP07B01                Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL7-C              From Node: NPL7-C             Length(ft): 40.00
        Group: P07                   To Node: NP07C01                Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL7-D              From Node: NPL7-D             Length(ft): 40.00
        Group: P07                   To Node: NP07D01                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL7-E              From Node: NPL7-E             Length(ft): 40.00
        Group: P07                   To Node: NP07E01                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 26.580         26.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL8-A              From Node: NPL8-A             Length(ft): 40.00
        Group: P08                   To Node: NP08A11                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RPL8-B1             From Node: NPL8-B             Length(ft): 40.00
        Group: P08                   To Node: NP08B05                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
---------------------------------------------------------------------------------------------------
         Name: RPL8-B2             From Node: NPL8-B             Length(ft): 40.00
        Group: P08                   To Node: NP08B05                 Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
---------------------------------------------------------------------------------------------------
         Name: RPL8-C              From Node: NPL8-C             Length(ft): 40.00
        Group: P08                   To Node: NP08C01                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
---------------------------------------------------------------------------------------------------
         Name: RPL8-D              From Node: NPL8-D             Length(ft): 40.00
        Group: P08                   To Node: NP08D05                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
---------------------------------------------------------------------------------------------------
         Name: RPL8-E              From Node: NPL8-E             Length(ft): 40.00
        Group: P08                   To Node: NP08E05                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
```

```
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 24.000         23.500                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL9-A             From Node: NPL9-A             Length(ft): 40.00
        Group: P09                  To Node: NP09A15                 Count: 4
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL9-B1            From Node: NPL9-B             Length(ft): 40.00
        Group: P09                  To Node: NP09B05                 Count: 4
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL9-B2            From Node: NPL9-B             Length(ft): 40.00
        Group: P09                  To Node: NP09B05                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RPL9-C              From Node: NPL9-C             Length(ft): 40.00
        Group: P09                   To Node: NP09C01                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 20.580         20.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL9-D              From Node: NPL9-D             Length(ft): 40.00
        Group: P09                   To Node: NP09D01                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.080         20.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RPL9-E              From Node: NPL9-E             Length(ft): 40.00
        Group: P09                   To Node: NP09E05                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 23.500         23.000                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RS10NCUL            From Node: NS10N              Length(ft): 30.00
        Group: STATE                 To Node: NS10                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 8.00           8.00                        Entrance Loss Coef: 0.90
     Rise(in): 8.00           8.00                            Exit Loss Coef: 0.90
   Invert(ft): 21.980         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting
```

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting

```
-----------------------------------------------------------------------------------------------------
         Name: RS1NCUL             From Node: NS1N               Length(ft): 10.00
        Group: STATE                 To Node: NS1                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 15.00          15.00                       Entrance Loss Coef: 0.70
     Rise(in): 15.00          15.00                           Exit Loss Coef: 0.95
   Invert(ft): 22.380         20.080                          Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RS1SCUL             From Node: NS1S               Length(ft): 20.00
        Group: STATE                 To Node: NS1                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.70
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 22.380         20.080                          Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RS2NCUL             From Node: NS2N               Length(ft): 12.00
        Group: STATE                 To Node: NS2                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.70
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 22.980         21.980                          Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RS2SCUL             From Node: NS2S               Length(ft): 15.00
        Group: STATE                 To Node: NSL8                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.70
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 22.980         21.980                          Bend Loss Coef: 0.70
  Manning's N: 0.012200       0.012200                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
```

```
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RS3NCUL             From Node: NS3N               Length(ft): 30.00
        Group: STATE                 To Node: NS3                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.90
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.980         19.980                          Bend Loss Coef: 0.70
  Manning's N: 0.022000       0.022000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RS3SCUL             From Node: NS3S               Length(ft): 15.00
        Group: STATE                 To Node: NSL7                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.70
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 23.180         22.180                          Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RS4NCUL             From Node: NS4N               Length(ft): 54.00
        Group: STATE                 To Node: NSDIV                   Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.90
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.680         18.580                          Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RS4SCUL             From Node: NS4S               Length(ft): 15.00
        Group: STATE                 To Node: NSL6                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
```

```
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          24.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          24.00                         Exit Loss Coef: 0.95
   Invert(ft): 22.880         21.880                         Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RS5NCUL             From Node: NS5N               Length(ft): 14.00
        Group: STATE                 To Node: NS5                     Count: 1
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.70
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 22.880         20.980                         Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RS5SCUL             From Node: NS5S               Length(ft): 15.00
        Group: STATE                 To Node: NSL4                    Count: 1
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          24.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          24.00                         Exit Loss Coef: 0.95
   Invert(ft): 22.880         21.880                         Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RS6NCULB            From Node: NS6N               Length(ft): 24.00
        Group: STATE                 To Node: NS10                    Count: 1
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.90
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.90
   Invert(ft): 21.580         20.580                         Bend Loss Coef: 0.00
  Manning's N: 0.022000       0.022000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting
```

```
-----------------------------------------------------------------------------------------------
         Name: RS6SCUL             From Node: NS6S               Length(ft): 15.00
        Group: STATE                 To Node: NSL3                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 22.980         21.980                         Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RS7SCUL             From Node: NS7S               Length(ft): 15.00
        Group: STATE                 To Node: NSL2                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.70
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 23.080         22.080                         Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RS8SCUL             From Node: NS8S               Length(ft): 15.00
        Group: STATE                 To Node: NSL1                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.70
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 23.080         22.080                         Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RSCUL1              From Node: NS2                Length(ft): 200.00
        Group: STATE                 To Node: NS1                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.680         18.580                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
```

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RSCUL2              From Node: NS3                Length(ft): 232.00
        Group: STATE                 To Node: NS2                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.780         18.680                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RSCUL3              From Node: NS4                Length(ft): 160.00
        Group: STATE                 To Node: NS3                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.880         18.780                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RSCUL4              From Node: NS5                Length(ft): 264.00
        Group: STATE                 To Node: NS4                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.930         18.880                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------
         Name: RSCUL5              From Node: NS6                Length(ft): 248.00
        Group: STATE                 To Node: NS5                     Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                      Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.030         18.930                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
```

```
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RSCUL6              From Node: NS10               Length(ft): 192.00
        Group: STATE                 To Node: NS6                     Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                        Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                            Exit Loss Coef: 0.95
   Invert(ft): 19.080         19.030                           Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Elliptical Inlet Face: Tapered inlet-beveled edges

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RSCUL7              From Node: NS12               Length(ft): 32.00
        Group: STATE                 To Node: NS11                    Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                        Entrance Loss Coef: 0.25
     Rise(in): 36.00          36.00                            Exit Loss Coef: 0.95
   Invert(ft): 18.680         18.580                           Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Groove end projecting

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RSD4                From Node: NSDIVOUT           Length(ft): 12.00
        Group: STATE                 To Node: NS4                     Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 18.00          18.00                        Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                            Exit Loss Coef: 0.95
   Invert(ft): 20.780         19.580                           Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RSDIV               From Node: NSDIV              Length(ft): 24.00
        Group: STATE                 To Node: NSL5                    Count: 1
                                                             Friction Equation: Average Conveyance
```

```
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 18.00          18.00                      Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.080         16.080                         Bend Loss Coef: 0.70
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RSLCUL1             From Node: NSL1               Length(ft): 112.00
        Group: STATE                 To Node: NLAKE                    Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 24.00          24.00                      Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.080         15.830                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Groove end projecting


-----------------------------------------------------------------------------------------------------
         Name: RSLCUL2             From Node: NSL2               Length(ft): 224.00
        Group: STATE                 To Node: NSL1                    Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 24.00          24.00                      Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.580         18.080                         Bend Loss Coef: 0.38
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------------
         Name: RSLCUL3             From Node: NSL3               Length(ft): 200.00
        Group: STATE                 To Node: NSL2                    Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 24.00          24.00                      Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                          Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RSLCUL4             From Node: NSL4               Length(ft): 152.00
        Group: STATE                 To Node: NSL3                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.580         19.080                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RSLCUL5             From Node: NSL5               Length(ft): 128.00
        Group: STATE                 To Node: NSL4                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.480         17.080                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RSLCUL6             From Node: NSL6               Length(ft): 8.00
        Group: STATE                 To Node: NSL5                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 15.00          15.00                       Entrance Loss Coef: 0.50
     Rise(in): 15.00          15.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.480                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-----------------------------------------------------------------------------------------------
         Name: RSLCUL7             From Node: NSL7               Length(ft): 136.00
        Group: STATE                 To Node: NSL6                    Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 15.00          15.00                       Entrance Loss Coef: 0.50
     Rise(in): 15.00          15.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.380         21.080                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RSLCUL8             From Node: NSL8               Length(ft): 96.00
        Group: STATE                 To Node: NSL7                    Count: 1
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 15.00          15.00                       Entrance Loss Coef: 0.50
     Rise(in): 15.00          15.00                           Exit Loss Coef: 0.95
   Invert(ft): 21.580         21.380                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RSOUT               From Node: NS1                Length(ft): 37.00
        Group: STATE                 To Node: NP13aD01                Count: 1
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Horz Ellipse   Horz Ellipse                             Flow: Both
     Span(in): 57.00          57.00                       Entrance Loss Coef: 0.50
     Rise(in): 38.00          38.00                           Exit Loss Coef: 0.40
   Invert(ft): 19.380         19.380                          Bend Loss Coef: 0.00
  Manning's N: 0.022000       0.022000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Square edge with headwall

Downstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Groove end projecting

```
-----------------------------------------------------------------------------------------------------
         Name: RU-205              From Node: NU-205             Length(ft): 75.00
        Group: FJV                   To Node: NU-200                  Count: 1
                                                            Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 54.00          54.00                       Entrance Loss Coef: 0.90
     Rise(in): 54.00          54.00                           Exit Loss Coef: 0.00
   Invert(ft): 12.610         11.820                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting

```
-----------------------------------------------------------------------------------------------------
         Name: RU-20M1             From Node: NU-20M1            Length(ft): 40.00
        Group: U02                   To Node: NU-20B                  Count: 1
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Positive
     Span(in): 18.00          18.00                       Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.580                          Bend Loss Coef: 0.00
```

```
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

CULVERT TO WETLAND #2

-----------------------------------------------------------------------------------------------
         Name: RU-20M2             From Node: NU-20M2            Length(ft): 40.00
        Group: U02                   To Node: NU-20B                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Positive
     Span(in): 18.00          18.00                        Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                            Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.580                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

CULVERT TO WETLAND #3

-----------------------------------------------------------------------------------------------
         Name: RU-50A              From Node: NU-50A             Length(ft): 30.00
        Group: U05                   To Node: NU-50                  Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                        Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                            Exit Loss Coef: 0.95
   Invert(ft): 13.630         13.920                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU-60A              From Node: NU-60A             Length(ft): 30.00
        Group: U06                   To Node: NU-60                  Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                        Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                            Exit Loss Coef: 0.95
   Invert(ft): 12.600         12.520                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU-FJV-INTER        From Node: NU-FJV-BWPOND2     Length(ft): 240.00
        Group: FJV                   To Node: NU-FJV-BWPOND1         Count: 1
```

```
                                                        Friction Equation: Automatic
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 24.00          24.00                    Entrance Loss Coef: 0.00
     Rise(in): 24.00          24.00                        Exit Loss Coef: 0.00
   Invert(ft): 15.500         15.500                       Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting


-----------------------------------------------------------------------------------------------------
         Name: RU-FJVN             From Node: NU-FJVN            Length(ft): 40.00
        Group: FJV                   To Node: NU-205                  Count: 3
                                                        Friction Equation: Automatic
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                    Entrance Loss Coef: 0.90
     Rise(in): 36.00          36.00                        Exit Loss Coef: 0.00
   Invert(ft): 16.500         15.000                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting


-----------------------------------------------------------------------------------------------------
         Name: RU-FJVS             From Node: NU-FJVS            Length(ft): 40.00
        Group: FJV                   To Node: NU-235                  Count: 3
                                                        Friction Equation: Automatic
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                    Entrance Loss Coef: 0.90
     Rise(in): 36.00          36.00                        Exit Loss Coef: 0.00
   Invert(ft): 16.000         14.500                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting


-----------------------------------------------------------------------------------------------------
         Name: RU09-A              From Node: NU09-A             Length(ft): 40.00
        Group: U09                   To Node: NU09A09                 Count: 3
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                    Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                        Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.080                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RU09-B              From Node: NU09-B             Length(ft): 40.00
        Group: U09                   To Node: NU09B05                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU09-C              From Node: NU09-C             Length(ft): 40.00
        Group: U09                   To Node: NU09C01                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.080         16.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU09-D1             From Node: NU09-D             Length(ft): 40.00
        Group: U09                   To Node: NU09D01                 Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU09-D2             From Node: NU09-D             Length(ft): 40.00
        Group: U09                   To Node: NU09D01                 Count: 2
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.580         15.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------------
         Name: RU09A03             From Node: NU09A03            Length(ft): 29.00
        Group: U09                   To Node: NU09A01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 11.210         10.880                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------------
         Name: RU09C11             From Node: NU09C11            Length(ft): 28.00
        Group: U09                   To Node: NU09C09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.070         14.720                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------------
         Name: RU10-A              From Node: NU10-A             Length(ft): 40.00
        Group: U10                   To Node: NU10A09                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.080         15.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------------
         Name: RU10-B              From Node: NU10-B             Length(ft): 40.00
        Group: U10                   To Node: NU10B05                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
```

```
   Invert(ft): 16.580         16.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU10-C              From Node: NU10-C             Length(ft): 40.00
        Group: U10                   To Node: NU10C05                 Count: 3
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 17.080         16.580                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU10-D              From Node: NU10-D             Length(ft): 40.00
        Group: U10                   To Node: NU10D01                 Count: 3
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU10A03             From Node: NU10A03            Length(ft): 31.00
        Group: U10                   To Node: NU10A01                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 36.00          36.00                        Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                            Exit Loss Coef: 0.95
   Invert(ft): 11.190         10.710                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU11-A              From Node: NU11-A             Length(ft): 40.00
```

```
        Group: U11                  To Node: NU11A07                Count: 3
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 16.080         15.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU11-B              From Node: NU11-B             Length(ft): 40.00
        Group: U11                  To Node: NU11B05                Count: 3
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU11-C              From Node: NU11-C             Length(ft): 40.00
        Group: U11                  To Node: NU11C01                Count: 3
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU11-D              From Node: NU11-D             Length(ft): 40.00
        Group: U11                  To Node: NU11D01                Count: 4
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 17.080         16.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
```

Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU11A03             From Node: NU11A03            Length(ft): 31.00
        Group: U11                   To Node: NU11A01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 11.290         10.890                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU11C03             From Node: NU11C03            Length(ft): 30.00
        Group: U11                   To Node: NU11C01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 18.00          18.00                       Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.170         15.350                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU12-A              From Node: NU12-A             Length(ft): 40.00
        Group: U12                   To Node: NU12A09                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.080         15.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU12-B              From Node: NU12-B             Length(ft): 40.00
        Group: U12                   To Node: NU12B05                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU12-C              From Node: NU12-C             Length(ft): 40.00
        Group: U12                   To Node: NU12C01                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU12-D              From Node: NU12-D             Length(ft): 40.00
        Group: U12                   To Node: NU12C29                 Count: 6
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU12A03             From Node: NU12A03            Length(ft): 39.00
        Group: U12                   To Node: NU12A01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.070         13.430                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU12C03             From Node: NU12C03            Length(ft): 39.00
        Group: U12                   To Node: NU12C01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
```

```
     Rise(in): 42.00          42.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.980         16.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU12C07             From Node: NU12C07            Length(ft): 20.00
        Group: U12                   To Node: NU12C05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.300         16.090                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU12C11             From Node: NU12C11            Length(ft): 30.00
        Group: U12                   To Node: NU12C09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.560         15.920                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU12C15             From Node: NU12C15            Length(ft): 30.00
        Group: U12                   To Node: NU12C13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.290         16.700                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                       Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
```

```
         Name: RU12C19             From Node: NU12C19            Length(ft): 27.00
        Group: U12                   To Node: NU12C17                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 18.00          18.00                       Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.970         16.730                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 3.000          3.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU12C23             From Node: NU12C23            Length(ft): 23.00
        Group: U12                   To Node: NU12C21                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.490         15.350                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU12C27             From Node: NU12C27            Length(ft): 25.00
        Group: U12                   To Node: NU12C25                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.160         17.000                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU12C31             From Node: NU12C31            Length(ft): 33.00
        Group: U12                   To Node: NU12C29                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.690         16.710                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall
```

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU12D05             From Node: NU12D05            Length(ft): 30.00
        Group: U12                   To Node: NU12D01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.620         17.860                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting

```
-----------------------------------------------------------------------------------------------
         Name: RU13-A              From Node: NU13-A             Length(ft): 40.00
        Group: U13                   To Node: NU13A09                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU13-B              From Node: NU13-B             Length(ft): 40.00
        Group: U13                   To Node: NU13B01                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.080         15.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU13-C              From Node: NU13-C             Length(ft): 40.00
        Group: U13                   To Node: NU13C01                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU13-D              From Node: NU13-D             Length(ft): 40.00
        Group: U13                   To Node: NU13D01                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU13A03             From Node: NU13A03            Length(ft): 37.00
        Group: U13                   To Node: NU13A01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 11.340         10.710                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU13A19             From Node: NU13A19            Length(ft): 38.00
        Group: U13                   To Node: NU13A17                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 13.130         13.360                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU13B03             From Node: NU13B03            Length(ft): 36.00
        Group: U13                   To Node: NU13B01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
```

```
     Span(in): 36.00          36.00                      Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                          Exit Loss Coef: 0.95
   Invert(ft): 12.760         12.040                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU14-A              From Node: NU14-A             Length(ft): 40.00
        Group: U14                   To Node: NU14A09                 Count: 3
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 16.580         16.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU14-B              From Node: NU14-B             Length(ft): 40.00
        Group: U14                   To Node: NU14B07                 Count: 3
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU14-C              From Node: NU14-C             Length(ft): 40.00
        Group: U14                   To Node: NU14C01                 Count: 4
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 18.580         18.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RU14-D              From Node: NU14-D             Length(ft): 40.00
        Group: U14                   To Node: NU14D01                 Count: 5
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU14A05             From Node: NU14A05            Length(ft): 29.00
        Group: U14                   To Node: NU14A03                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 13.870         13.190                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU14B03             From Node: NU14B03            Length(ft): 21.00
        Group: U14                   To Node: NU14B01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 60.00          60.00                       Entrance Loss Coef: 0.50
     Rise(in): 60.00          60.00                           Exit Loss Coef: 0.95
   Invert(ft): 13.910         13.510                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU14B17             From Node: NU14B17            Length(ft): 32.00
        Group: U14                   To Node: NU14B15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.340         15.560                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall
```

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RU14C03             From Node: NU14C03            Length(ft): 30.00
        Group: U14                   To Node: NU14C01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.130         16.060                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RU14C07             From Node: NU14C07            Length(ft): 30.00
        Group: U14                   To Node: NU14C05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.900         15.980                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RU14C11             From Node: NU14C11            Length(ft): 25.00
        Group: U14                   To Node: NU14C09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 16.090         16.400                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------------
         Name: RU14C17             From Node: NU14C17            Length(ft): 26.00
        Group: U14                   To Node: NU14C15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.910         15.740                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
```

```
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU14C21             From Node: NU14C21            Length(ft): 30.00
        Group: U14                   To Node: NU14C19                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.950         15.530                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU14D03             From Node: NU14D03            Length(ft): 40.00
        Group: U14                   To Node: NU14D01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.290         16.810                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU14D07w            From Node: NU14D07            Length(ft): 70.00
        Group: U14                   To Node: NP-140                  Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.780         14.840                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU15-A              From Node: NU15-A             Length(ft): 40.00
        Group: U15                   To Node: NU15A07                 Count: 4
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
```

```
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------------
         Name: RU15-B              From Node: NU15-B             Length(ft): 40.00
        Group: U15                   To Node: NU15B05                 Count: 5
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------------
         Name: RU15-C              From Node: NU15-C             Length(ft): 40.00
        Group: U15                   To Node: NU15C05                 Count: 3
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------------
         Name: RU15-D              From Node: NU15-D             Length(ft): 40.00
        Group: U15                   To Node: NU15C21                 Count: 4
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                    Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.580         18.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RU15A03             From Node: NU15A03            Length(ft): 46.00
        Group: U15                   To Node: NU15A01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 13.780         12.600                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU15A19             From Node: NU15A19            Length(ft): 50.00
        Group: U15                   To Node: NU15A17                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 13.620         13.650                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU15B07             From Node: NU15B07            Length(ft): 29.00
        Group: U15                   To Node: NU15B05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.090         14.200                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU15B11             From Node: NU15B11            Length(ft): 20.00
        Group: U15                   To Node: NU15B09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.520         14.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
```

Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU15B15             From Node: NU15B15            Length(ft): 32.00
        Group: U15                   To Node: NU15B13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 13.650         12.680                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU15C07             From Node: NU15C07            Length(ft): 16.00
        Group: U15                   To Node: NU15C05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.650         14.620                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU15C11             From Node: NU15C11            Length(ft): 30.00
        Group: U15                   To Node: NU15C09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.110         15.120                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU15C15             From Node: NU15C15            Length(ft): 30.00
        Group: U15                   To Node: NU15C13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 36.00          36.00                       Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.180         15.040                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
```

```
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------------
         Name: RU15C23             From Node: NU15C23            Length(ft): 39.00
        Group: U15                   To Node: NU15C21                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 24.00          24.00                        Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                            Exit Loss Coef: 0.95
   Invert(ft): 16.830         16.890                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                        Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------------
         Name: RU16-A              From Node: NU16-A             Length(ft): 40.00
        Group: U16                   To Node: NU16A07                 Count: 3
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------------
         Name: RU16-B              From Node: NU16-B             Length(ft): 40.00
        Group: U16                   To Node: NU16B05                 Count: 4
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------------
         Name: RU16-C              From Node: NU16-C             Length(ft): 40.00
        Group: U16                   To Node: NU16C05                 Count: 3
                                                             Friction Equation: Average Conveyance
```

```
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU16-D              From Node: NU16-D            Length(ft): 40.00
        Group: U16                   To Node: NU16D01                 Count: 4
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.580         18.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU16A03             From Node: NU16A03           Length(ft): 36.00
        Group: U16                   To Node: NU16A01                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 30.00          30.00                      Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.200         11.080                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU16A15             From Node: NU16A15           Length(ft): 40.00
        Group: U16                   To Node: NU16A13                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                                Flow: Both
     Span(in): 42.00          42.00                      Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.330         16.570                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                        Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RU16B07             From Node: NU16B07            Length(ft): 25.00
        Group: U16                   To Node: NU16B05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 48.00          48.00                       Entrance Loss Coef: 0.50
     Rise(in): 48.00          48.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.460         14.550                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU16B13             From Node: NU16B13            Length(ft): 30.00
        Group: U16                   To Node: NU16B11                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.150         14.710                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU16B17             From Node: NU16B17            Length(ft): 30.00
        Group: U16                   To Node: NU16B15                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 42.00          42.00                       Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                           Exit Loss Coef: 0.95
   Invert(ft): 15.310         15.280                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU16C03             From Node: NU16C03            Length(ft): 40.00
        Group: U16                   To Node: NU16C01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 54.00          54.00                       Entrance Loss Coef: 0.50
     Rise(in): 54.00          54.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.960         14.680                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
         Name: RU16C07             From Node: NU16C07            Length(ft): 39.00
        Group: U16                   To Node: NU16C05                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                      Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                          Exit Loss Coef: 0.95
   Invert(ft): 14.930         14.890                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                       Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
         Name: RU16C11             From Node: NU16C11            Length(ft): 39.00
        Group: U16                   To Node: NU16C09                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                      Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.800         15.790                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                       Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
         Name: RU16D03             From Node: NU16D03            Length(ft): 36.00
        Group: U16                   To Node: NU16D01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 42.00          42.00                      Entrance Loss Coef: 0.50
     Rise(in): 42.00          42.00                          Exit Loss Coef: 0.95
   Invert(ft): 15.850         15.790                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                       Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
         Name: RU17-A              From Node: NU17-A             Length(ft): 40.00
        Group: U17                   To Node: NU17A09                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                         Bend Loss Coef: 0.00
```

```
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU17-B              From Node: NU17-B             Length(ft): 40.00
        Group: U17                   To Node: NU17B05                 Count: 4
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU17-C              From Node: NU17-C             Length(ft): 40.00
        Group: U17                   To Node: NU17C01                 Count: 3
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU17-D              From Node: NU17-D             Length(ft): 40.00
        Group: U17                   To Node: NU17D01                 Count: 3
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                        Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                            Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU17A03             From Node: NU17A03            Length(ft): 29.00
        Group: U17                   To Node: NU17A01                 Count: 1
```

```
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                    Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                        Exit Loss Coef: 0.95
   Invert(ft): 13.410         12.690                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------------
         Name: RU18-A              From Node: NU18-A             Length(ft): 40.00
        Group: U18                   To Node: NU18A09                 Count: 3
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                    Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                        Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------------
         Name: RU18-B              From Node: NU18-B             Length(ft): 40.00
        Group: U18                   To Node: NU18B05                 Count: 3
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                    Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                        Exit Loss Coef: 0.95
   Invert(ft): 17.080         16.580                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------------
         Name: RU18-C              From Node: NU18-C             Length(ft): 40.00
        Group: U18                   To Node: NU18C01                 Count: 3
                                                        Friction Equation: Average Conveyance
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                    Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                        Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                       Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall
```

```
-----------------------------------------------------------------------------------------------
         Name: RU18-D              From Node: NU18-D             Length(ft): 40.00
        Group: U18                   To Node: NU18D01                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU18A03             From Node: NU18A03            Length(ft): 30.00
        Group: U18                   To Node: NU18A01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 30.00          30.00                       Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                           Exit Loss Coef: 0.95
   Invert(ft): 11.530         12.230                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 6.000          6.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU18C15             From Node: NU18C15            Length(ft): 112.00
        Group: U18                   To Node: NU18C13                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 24.00          24.00                       Entrance Loss Coef: 0.50
     Rise(in): 24.00          24.00                           Exit Loss Coef: 0.95
   Invert(ft): 14.780         15.080                          Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU19-A              From Node: NU19-A             Length(ft): 40.00
        Group: U19                   To Node: NU19A09                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                                 Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                           Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None
```

```
Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU19-B              From Node: NU19-B             Length(ft): 40.00
        Group: U19                   To Node: NU19B05                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 17.580         17.080                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU19-C              From Node: NU19-C             Length(ft): 40.00
        Group: U19                   To Node: NU19C01                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU19-D              From Node: NU19-D             Length(ft): 40.00
        Group: U19                   To Node: NU19D01                 Count: 3
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 12.00          12.00                       Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                           Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                          Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                      Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                         Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU19A03             From Node: NU19A03            Length(ft): 40.00
        Group: U19                   To Node: NU19A01                 Count: 1
                                                          Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                  Solution Algorithm: Automatic
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 66.00          66.00                       Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                           Exit Loss Coef: 0.95
```

```
   Invert(ft): 11.980         12.090                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU19C07             From Node: NU19C07            Length(ft): 94.00
        Group: U19                   To Node: NU19C05                 Count: 1
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 36.00          36.00                      Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                          Exit Loss Coef: 0.95
   Invert(ft): 16.830         16.920                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU20-A              From Node: NU20-A             Length(ft): 40.00
        Group: U20                   To Node: NU20A09                 Count: 2
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU20-B              From Node: NU20-B             Length(ft): 40.00
        Group: U20                   To Node: NU20B05                 Count: 2
                                                             Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 12.00          12.00                      Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                          Exit Loss Coef: 0.95
   Invert(ft): 18.080         17.580                         Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None



Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



-----------------------------------------------------------------------------------------------
         Name: RU20-C              From Node: NU20-C             Length(ft): 40.00
```

```
        Group: U20                  To Node: NU20C05                Count: 2
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 18.580         18.080                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU20-D              From Node: NU20-D             Length(ft): 40.00
        Group: U20                  To Node: NU20D01                Count: 2
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 12.00          12.00                     Entrance Loss Coef: 0.50
     Rise(in): 12.00          12.00                         Exit Loss Coef: 0.95
   Invert(ft): 19.080         18.580                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 2.000          2.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU20A03             From Node: NU20A03            Length(ft): 20.00
        Group: U20                  To Node: NU20A01                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 66.00          66.00                     Entrance Loss Coef: 0.50
     Rise(in): 66.00          66.00                         Exit Loss Coef: 0.95
   Invert(ft): 12.390         13.110                        Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall


-----------------------------------------------------------------------------------------------
         Name: RU20B13             From Node: NU20B13            Length(ft): 93.00
        Group: U20                  To Node: NU20B11                Count: 1
                                                         Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Automatic
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 36.00          36.00                     Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                         Exit Loss Coef: 0.95
   Invert(ft): 17.080         17.050                        Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
```

Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RU23FJV2            From Node: NU23FJV2           Length(ft): 106.00
        Group: FJV                   To Node: NU23FJV1                Count: 1
                                                            Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 30.00          30.00                        Entrance Loss Coef: 0.50
     Rise(in): 30.00          30.00                            Exit Loss Coef: 0.00
   Invert(ft): 13.200         13.300                           Bend Loss Coef: 0.00
  Manning's N: 0.024000       0.024000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall

```
-----------------------------------------------------------------------------------------------
         Name: RWETLDIN            From Node: NLAKE              Length(ft): 40.00
        Group: STATE                 To Node: NWETLND                 Count: 1
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Horz Ellipse   Horz Ellipse                              Flow: Both
     Span(in): 24.00          24.00                        Entrance Loss Coef: 0.50
     Rise(in): 18.00          18.00                            Exit Loss Coef: 0.95
   Invert(ft): 21.230         21.230                           Bend Loss Coef: 0.00
  Manning's N: 0.022000       0.022000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 4.000          4.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Groove end projecting

Downstream FHWA Inlet Edge Description:
Horizontal Ellipse Concrete: Groove end projecting

```
-----------------------------------------------------------------------------------------------
         Name: RWETOUT             From Node: NWETLND            Length(ft): 18.00
        Group: LINCOLN               To Node: NP13bD01                Count: 1
                                                            Friction Equation: Average Conveyance
               UPSTREAM       DOWNSTREAM                   Solution Algorithm: Automatic
     Geometry: Circular       Circular                                  Flow: Both
     Span(in): 36.00          36.00                        Entrance Loss Coef: 0.50
     Rise(in): 36.00          36.00                            Exit Loss Coef: 0.90
   Invert(ft): 19.780         19.180                           Bend Loss Coef: 0.00
  Manning's N: 0.022000       0.022000                       Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                            Inlet Ctrl Spec: Use dn
 Bot Clip(in): 8.000          8.000                         Stabilizer Option: None
```

Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting

```
===============================================================================================
==== Channels =================================================================================
===============================================================================================

          Name: RF-15               From Node: NF-25              Length(ft): 300.00
         Group: FMAIN                 To Node: NF-20                   Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                   Solution Algorithm: Automatic
    Invert(ft): -1.420         -2.420                                    Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                      Contraction Coef: 0.000
   Manning's N:                                                  Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RF15          RF15                         Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000         0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft): 0.000         0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RF-20               From Node: NF-30              Length(ft): 7500.00
         Group: FMAIN                 To Node: NF-25                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 2.080          -1.420                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RF20-40        RF20-40                      Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RF-30               From Node: NF-40              Length(ft): 1580.00
         Group: FMAIN                 To Node: NF-30                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 2.580          2.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N:                                                 Expansion Coef: 0.100
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RF20-40        RF20-40                      Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RF-40               From Node: NF-50              Length(ft): 3040.00
         Group: FMAIN                 To Node: NF-40                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 3.080          2.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RF20-40        RF20-40                      Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):
```

```
-----------------------------------------------------------------------------------------------
          Name: RF-50               From Node: NF-60              Length(ft): 3828.00
         Group: FMAIN                 To Node: NF-50                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 3.580          3.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RF50           RF50                         Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RF-60               From Node: NF-70              Length(ft): 7520.00
         Group: FMAIN                 To Node: NF-60                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 4.580          3.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RF60-70        RF60-70                      Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RF-70               From Node: NF-80              Length(ft): 2112.00
         Group: FMAIN                 To Node: NF-70                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 4.580          4.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RF60-70        RF60-70                      Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RF-80               From Node: NF-85              Length(ft): 3250.00
         Group: FMAIN                 To Node: NF-80                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 5.680          4.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RF80-85        RF80-85                      Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
```

```
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RF-85               From Node: NF-90              Length(ft): 5460.00
         Group: FMAIN                 To Node: NF-85                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          5.680                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RF80-85        RF80-85                      Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RI-10               From Node: NI-10              Length(ft): 740.00
         Group: LI                    To Node: NI-05                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         10.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                         Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                             Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------
          Name: RI-20               From Node: NI-20              Length(ft): 1300.00
         Group: LI                    To Node: NI-10                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                         Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                             Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------
          Name: RI-22               From Node: NI-22              Length(ft): 600.00
         Group: LI                    To Node: NI-21                   Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 15.000         15.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------------
          Name: RI-25               From Node: NI-25              Length(ft): 600.00
         Group: LI                    To Node: NI-24                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 15.000         15.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------------
          Name: RI-25B              From Node: NI-25B             Length(ft): 2000.00
         Group: I25                   To Node: NI-25A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.580         14.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------------
          Name: RI-30               From Node: NI-30              Length(ft): 660.00
         Group: LI                    To Node: NI-25                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 15.000         15.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00



-----------------------------------------------------------------------------------------------------
          Name: RI-40               From Node: NI-40              Length(ft): 1320.00
         Group: LI                    To Node: NI-30                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 15.000         15.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00



-----------------------------------------------------------------------------------------------------
          Name: RI-40B              From Node: NI-40B             Length(ft): 2000.00
         Group: I04                   To Node: NI-40A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.580         14.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00



-----------------------------------------------------------------------------------------------------
          Name: RI-49               From Node: NI-49              Length(ft): 1233.00
         Group: LI                    To Node: NI-40                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 15.000         15.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00



-----------------------------------------------------------------------------------------------------
          Name: RI-50B              From Node: NI-50B             Length(ft): 2000.00
         Group: I05                   To Node: NI-50A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
```

```
   Manning's N: 0.050000       0.050000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------------
          Name: RI-60               From Node: NI-60              Length(ft): 1340.00
         Group: LI                    To Node: NI-50                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 15.000         15.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------------
          Name: RI-60B              From Node: NI-60B             Length(ft): 2000.00
         Group: I06                    To Node: NI-60A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------------
          Name: RI-70               From Node: NI-70              Length(ft): 1302.00
         Group: LI                    To Node: NI-60                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 15.000         15.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00
```

```
-----------------------------------------------------------------------------------------------
          Name: RI-70B              From Node: NI-70B             Length(ft): 2000.00
         Group: I07                   To Node: NI-70A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         13.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------
          Name: RI-80               From Node: NI-80              Length(ft): 660.00
         Group: LI                    To Node: NI-70                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 15.000         15.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------
          Name: RP-10               From Node: NP-10              Length(ft): 1320.00
         Group: PL                    To Node: NF-80                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 5.080          5.080                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.100
   Manning's N:                                              Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 1.000
     Main XSec: RP25'          RP25'                      Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                       Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-100              From Node: NP-100             Length(ft): 1320.00
         Group: PL                    To Node: NP-90                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 8.580          8.080                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.100
   Manning's N:                                              Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP25'-1.8      RP25'-1.8                  Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft): 0.000          0.000                        Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-110              From Node: NP-110             Length(ft): 1320.00
         Group: PL                    To Node: NP-100                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 9.080          8.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RP25'-1.8      RP25'-1.8                    Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                        Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-120              From Node: NP-120             Length(ft): 1320.00
         Group: PL                    To Node: NP-110                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 9.580          9.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RP25'-1.8      RP25'-1.8                    Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                        Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-130              From Node: NP-130             Length(ft): 1320.00
         Group: PL                    To Node: NP-120                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 9.580          9.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RP20'-1.8      RP20'-1.8                    Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                        Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-135              From Node: NP-135             Length(ft): 600.00
```

```
         Group: PL                    To Node: NP-130                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 9.580          9.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP20'-1.8      RP20'-1.8                    Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-140              From Node: NP-140             Length(ft): 720.00
         Group: PL                    To Node: NP-135                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 9.580          9.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP20'-1.8      RP20'-1.8                    Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-150              From Node: NP-150             Length(ft): 1320.00
         Group: PL                    To Node: NP-140                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 10.080         9.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP20'-1.8      RP20'-1.8                    Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-160              From Node: NP-160             Length(ft): 1320.00
         Group: PL                    To Node: NP-150                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 10.580         10.080                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP20'-1.8      RP20'-1.8                    Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------------
          Name: RP-170              From Node: NP-170            Length(ft): 1320.00
         Group: PL                    To Node: NP-160                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 10.580         10.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP20'-1.8      RP20'-1.8                     Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------------
          Name: RP-180              From Node: NP-180            Length(ft): 1320.00
         Group: PL                    To Node: NP-170                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 10.580         10.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP20'          RP20'                         Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------------
          Name: RP-190              From Node: NP-190            Length(ft): 1320.00
         Group: PL                    To Node: NP-180                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 11.080         11.080                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP20'          RP20'                         Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------------
          Name: RP-20               From Node: NP-20             Length(ft): 1320.00
         Group: PL                    To Node: NP-10                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
```

```
    Invert(ft): 5.380          5.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                Expansion Coef: 0.300
  Top Clip(ft):                                           Entrance Loss Coef: 0.000
  Bot Clip(ft):                                               Exit Loss Coef: 0.000
     Main XSec: RP25'          RP25'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------------
          Name: RP-200              From Node: NP-200             Length(ft): 1320.00
         Group: PL                    To Node: NP-190                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 11.580         11.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                Expansion Coef: 0.300
  Top Clip(ft):                                           Entrance Loss Coef: 0.000
  Bot Clip(ft):                                               Exit Loss Coef: 0.000
     Main XSec: RP20'-1.8      RP20'-1.8                    Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------------
          Name: RP-210              From Node: NP-210             Length(ft): 1320.00
         Group: PL                    To Node: NP-200                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 12.080         11.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                Expansion Coef: 0.300
  Top Clip(ft):                                           Entrance Loss Coef: 0.000
  Bot Clip(ft):                                               Exit Loss Coef: 0.000
     Main XSec: RP20'-1.8      RP20'-1.8                    Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------------
          Name: RP-220              From Node: NP-220             Length(ft): 1320.00
         Group: PL                    To Node: NP-210                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 12.580         12.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                Expansion Coef: 0.300
  Top Clip(ft):                                           Entrance Loss Coef: 0.000
  Bot Clip(ft):                                               Exit Loss Coef: 0.000
     Main XSec: RP20'-1.8      RP20'-1.8                    Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
```

```
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------
          Name: RP-230              From Node: NP-230             Length(ft): 1320.00
         Group: PL                    To Node: NP-220                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 13.080         12.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP20'-1.8      RP20'-1.8                     Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------
          Name: RP-240              From Node: NP-240             Length(ft): 1320.00
         Group: PL                    To Node: NP-230                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 13.580         13.080                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP20'          RP20'                         Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------
          Name: RP-25               From Node: NP-25              Length(ft): 660.00
         Group: PL                    To Node: NP-20                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 5.580          5.380                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP25'          RP25'                         Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------
          Name: RP-30               From Node: NP-30              Length(ft): 660.00
         Group: PL                    To Node: NP-25                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 5.780          5.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RP25'          RP25'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-------------------------------------------------------------------------------------------------
          Name: RP-30W2             From Node: NP-30W2            Length(ft): 1872.00
         Group: P03                   To Node: NP-30W                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.580         14.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.060000       0.060000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-------------------------------------------------------------------------------------------------
          Name: RP-35               From Node: NP-35              Length(ft): 660.00
         Group: PL                    To Node: NP-30                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 5.980          5.780                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                              Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                  Exit Loss Coef: 0.000
     Main XSec: RP25'          RP25'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-------------------------------------------------------------------------------------------------
          Name: RP-40               From Node: NP-40              Length(ft): 660.00
         Group: PL                    To Node: NP-35                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 6.180          5.980                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                              Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                  Exit Loss Coef: 0.000
     Main XSec: RP25'          RP25'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):
```

```
-----------------------------------------------------------------------------------------------
          Name: RP-45               From Node: NP-45              Length(ft): 660.00
         Group: PL                    To Node: NP-40                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 6.330          6.180                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP25'          RP25'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-50               From Node: NP-50              Length(ft): 660.00
         Group: PL                    To Node: NP-45                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 6.480          6.330                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP25'          RP25'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-55               From Node: NP-55              Length(ft): 660.00
         Group: PL                    To Node: NP-50                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 6.680          6.480                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP25'          RP25'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-60               From Node: NP-60              Length(ft): 660.00
         Group: PL                    To Node: NP-55                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 6.880          6.680                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP25'          RP25'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
```

```
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-70               From Node: NP-70              Length(ft): 1320.00
         Group: PL                    To Node: NP-60                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.180          6.880                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP25'          RP25'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-80               From Node: NP-80              Length(ft): 1320.00
         Group: PL                    To Node: NP-70                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.180                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP25'-1.8      RP25'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP-90               From Node: NP-90              Length(ft): 1320.00
         Group: PL                    To Node: NP-80                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 8.080          7.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RP25'-1.8      RP25'-1.8                    Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RP01A07             From Node: NP01A07            Length(ft): 658.00
         Group: P01                   To Node: NP01A05                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.610         13.100                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP01A13             From Node: NP01A13            Length(ft): 980.00
         Group: P01                   To Node: NP01A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.790         16.720                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP01A15             From Node: NP01A15            Length(ft): 305.00
         Group: P01                   To Node: NP01A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.120         17.790                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP01B01             From Node: NP01B01            Length(ft): 674.00
         Group: P01                   To Node: NP01A17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.060         18.320                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP01B07             From Node: NP01B07            Length(ft): 695.00
         Group: P01                   To Node: NP01B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.750         19.060                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP01B13             From Node: NP01B13            Length(ft): 826.00
         Group: P01                   To Node: NP01B09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.190         19.230                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP01B15             From Node: NP01B15            Length(ft): 381.00
         Group: P01                   To Node: NP01B13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.190         19.200                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP01B21             From Node: NP01B21            Length(ft): 281.00
         Group: P01                   To Node: NP01B17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.870         19.150                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP01C01             From Node: NP01C01            Length(ft): 400.00
         Group: P01                   To Node: NP01B23                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.550         19.150                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP01C07             From Node: NP01C07            Length(ft): 593.00
         Group: P01                   To Node: NP01C03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.490         18.820                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP01C13             From Node: NP01C13            Length(ft): 635.00
         Group: P01                   To Node: NP01C09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.120         18.740                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP01D01             From Node: NP01D01            Length(ft): 1160.00
         Group: P01                   To Node: NP01C15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.490         20.100                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP01E01             From Node: NP01E01            Length(ft): 1035.00
         Group: P01                   To Node: NP01D03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.780         20.410                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP02A09             From Node: NP02A09            Length(ft): 810.00
         Group: P02                   To Node: NP02A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.050         16.270                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP02A15             From Node: NP02A15            Length(ft): 880.00
         Group: P02                   To Node: NP02A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.210         17.050                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP02A17             From Node: NP02A17            Length(ft): 307.00
         Group: P02                   To Node: NP02A15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.610         18.210                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP02B01             From Node: NP02B01            Length(ft): 513.00
         Group: P02                   To Node: NP02A19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.170         18.910                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP02B05             From Node: NP02B05            Length(ft): 880.00
         Group: P02                   To Node: NP02B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.540         18.170                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP02B10             From Node: NP02B10            Length(ft): 880.00
```

```
         Group: P02                   To Node: NP02B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.900         18.540                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP02C01             From Node: NP02C01            Length(ft): 880.00
         Group: P02                   To Node: NP02B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.270         18.900                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP02C05             From Node: NP02C05            Length(ft): 880.00
         Group: P02                   To Node: NP02C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.940         19.270                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP02C11             From Node: NP02C11            Length(ft): 684.00
         Group: P02                   To Node: NP02C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.650         18.940                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP02D01             From Node: NP02D01            Length(ft): 1048.00
         Group: P02                   To Node: NP02C13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.280         18.690                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP02D05             From Node: NP02D05            Length(ft): 880.00
         Group: P02                   To Node: NP02D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 25.010         21.280                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP02D11             From Node: NP02D11            Length(ft): 779.00
         Group: P02                   To Node: NP02D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 28.310         25.010                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP02D15             From Node: NP02D15            Length(ft): 88.00
         Group: P02                   To Node: NP02D13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 27.780         28.740                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP02E01             From Node: NP02E01            Length(ft): 651.00
         Group: P02                   To Node: NP02D17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 26.580         27.780                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP03A09             From Node: NP03A09            Length(ft): 797.00
         Group: P03                   To Node: NP03A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.030         15.160                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP03A13             From Node: NP03A13            Length(ft): 880.00
         Group: P03                   To Node: NP03A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.670         17.030                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50          1.50


-----------------------------------------------------------------------------------------------
          Name: RP03A15             From Node: NP03A15            Length(ft): 307.00
         Group: P03                   To Node: NP03A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.240         18.670                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP03B01             From Node: NP03B01            Length(ft): 512.00
         Group: P03                   To Node: NP03A17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.710         19.230                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP03B05             From Node: NP03B05            Length(ft): 880.00
         Group: P03                   To Node: NP03B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.920         18.710                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP03B10             From Node: NP03B10            Length(ft): 880.00
         Group: P03                   To Node: NP03B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.130         18.920                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP03C01             From Node: NP03C01            Length(ft): 880.00
         Group: P03                   To Node: NP03B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.660         19.130                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP03C05             From Node: NP03C05            Length(ft): 880.00
         Group: P03                   To Node: NP03C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.510         19.660                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP03C09             From Node: NP03C09            Length(ft): 702.00
         Group: P03                   To Node: NP03C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.190         20.510                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP03D01             From Node: NP03D01            Length(ft): 1040.00
         Group: P03                   To Node: NP03C11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.520         20.900                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP03D05             From Node: NP03D05            Length(ft): 880.00
         Group: P03                   To Node: NP03D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 23.590         21.520                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP03D10             From Node: NP03D10            Length(ft): 880.00
         Group: P03                   To Node: NP03D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 25.670         23.590                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP03D13             From Node: NP03D13            Length(ft): 458.00
         Group: P03                   To Node: NP03D10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 26.750         25.670                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP03E01             From Node: NP03E01            Length(ft): 400.00
         Group: P03                   To Node: NP03D15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 26.380         28.430                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP03E05             From Node: NP03E05            Length(ft): 1120.00
         Group: P03                   To Node: NP03E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 27.080         26.380                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP04A05             From Node: NP04A05            Length(ft): 780.00
         Group: P04                   To Node: NP04A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.160         13.950                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP04A10             From Node: NP04A10            Length(ft): 880.00
         Group: P04                   To Node: NP04A05                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 17.460         16.160                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP04A13             From Node: NP04A13            Length(ft): 307.00
         Group: P04                   To Node: NP04A10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 17.920         17.460                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP04B01             From Node: NP04B01            Length(ft): 513.00
         Group: P04                   To Node: NP04A15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 18.680         18.360                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP04B05             From Node: NP04B05            Length(ft): 880.00
         Group: P04                   To Node: NP04B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 19.080         18.680                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP04B10             From Node: NP04B10            Length(ft): 880.00
         Group: P04                   To Node: NP04B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.480         19.080                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP04B15             From Node: NP04B15            Length(ft): 880.00
         Group: P04                   To Node: NP04B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.410         19.480                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP04C01             From Node: NP04C01            Length(ft): 880.00
         Group: P04                   To Node: NP04B15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.270         19.410                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP04C05             From Node: NP04C05            Length(ft): 880.00
         Group: P04                   To Node: NP04C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.130         19.270                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP04D01             From Node: NP04D01            Length(ft): 880.00
         Group: P04                   To Node: NP04C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.910         19.130                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP04D05             From Node: NP04D05            Length(ft): 880.00
         Group: P04                   To Node: NP04D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 22.720         20.910                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP04E01             From Node: NP04E01            Length(ft): 880.00
         Group: P04                   To Node: NP04D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 24.530         22.720                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP04E05             From Node: NP04E05            Length(ft): 934.00
         Group: P04                   To Node: NP04E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 26.450         24.530                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP04E10             From Node: NP04E10            Length(ft): 1578.00
         Group: P04                   To Node: NP04E07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 25.080         26.430                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05A05             From Node: NP05A05            Length(ft): 804.00
         Group: P05                   To Node: NP05A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.050         13.590                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05A10             From Node: NP05A10            Length(ft): 880.00
         Group: P05                   To Node: NP05A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.520         16.050                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05A13             From Node: NP05A13            Length(ft): 309.00
         Group: P05                   To Node: NP05A10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.040         17.520                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05B01             From Node: NP05B01            Length(ft): 671.00
         Group: P05                   To Node: NP05A15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.370         18.010                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05B05             From Node: NP05B05            Length(ft): 623.00
         Group: P05                   To Node: NP05B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.230         16.980                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05B09             From Node: NP05B09            Length(ft): 584.00
```

```
         Group: P05                  To Node: NP05B07                Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 18.680         17.580                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05B13             From Node: NP05B13            Length(ft): 286.00
         Group: P05                  To Node: NP05B11                Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 18.460         18.690                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05C01             From Node: NP05C01            Length(ft): 880.00
         Group: P05                  To Node: NP05B13                Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 18.180         18.460                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05C05             From Node: NP05C05            Length(ft): 880.00
         Group: P05                  To Node: NP05C01                Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 18.390         18.180                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP05C10             From Node: NP05C10            Length(ft): 948.00
         Group: P05                   To Node: NP05C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.610         18.390                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP05D01             From Node: NP05D01            Length(ft): 812.00
         Group: P05                   To Node: NP05C10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.530         18.610                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP05D05             From Node: NP05D05            Length(ft): 880.00
         Group: P05                   To Node: NP05D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 22.610         20.530                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP05D10             From Node: NP05D10            Length(ft): 880.00
         Group: P05                   To Node: NP05D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 24.680         22.610                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05E01             From Node: NP05E01            Length(ft): 880.00
         Group: P05                   To Node: NP05D10                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal   Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 26.760        24.680                                  Flow: Both
 TClpInitZ(ft): 9999.000      9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000      0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000         0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000         0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05E05             From Node: NP05E05            Length(ft): 503.00
         Group: P05                   To Node: NP05E01                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal   Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 27.950        26.760                                  Flow: Both
 TClpInitZ(ft): 9999.000      9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000      0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000         0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000         0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP05E10             From Node: NP05E10            Length(ft): 1203.00
         Group: P05                   To Node: NP05E07                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal   Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 26.780        28.360                                  Flow: Both
 TClpInitZ(ft): 9999.000      9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000      0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000         0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000         0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50          1.50


-----------------------------------------------------------------------------------------------
          Name: RP06A05             From Node: NP06A05            Length(ft): 461.00
         Group: P06                   To Node: NP06A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.400         8.660                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP06A09             From Node: NP06A09            Length(ft): 185.00
         Group: P06                   To Node: NP06A07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.840         14.910                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP06A15             From Node: NP06A15            Length(ft): 952.00
         Group: P06                   To Node: NP06A11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.260         14.920                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP06A17             From Node: NP06A17            Length(ft): 308.00
         Group: P06                   To Node: NP06A15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.700         16.260                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP06B01             From Node: NP06B01            Length(ft): 511.00
         Group: P06                   To Node: NP06A19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.730         17.530                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP06B05             From Node: NP06B05            Length(ft): 816.00
         Group: P06                   To Node: NP06B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.760         17.730                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP06B10             From Node: NP06B10            Length(ft): 895.00
         Group: P06                   To Node: NP06B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.250         17.600                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP06C01             From Node: NP06C01            Length(ft): 880.00
         Group: P06                   To Node: NP06B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.270         19.250                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP06C05             From Node: NP06C05            Length(ft): 880.00
         Group: P06                   To Node: NP06C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.910         20.270                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP06C10             From Node: NP06C10            Length(ft): 880.00
         Group: P06                   To Node: NP06C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.530         20.910                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP06D01             From Node: NP06D01            Length(ft): 880.00
         Group: P06                   To Node: NP06C10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 22.730         21.530                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP06D05             From Node: NP06D05            Length(ft): 880.00
         Group: P06                   To Node: NP06D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 23.900         22.730                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP06D10             From Node: NP06D10            Length(ft): 880.00
         Group: P06                   To Node: NP06D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 25.070         23.900                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP06E01             From Node: NP06E01            Length(ft): 880.00
         Group: P06                   To Node: NP06D10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 26.240         25.070                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP06E05             From Node: NP06E05            Length(ft): 973.00
         Group: P06                   To Node: NP06E01                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 27.530         26.240                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP06E10             From Node: NP06E10            Length(ft): 729.00
         Group: P06                   To Node: NP06E07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 28.380         27.980                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP07A01             From Node: NP07A01            Length(ft): 300.00
         Group: P07                   To Node: NP-70                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP07A05             From Node: NP07A05            Length(ft): 406.00
         Group: P07                   To Node: NP07A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.130         13.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP07A10             From Node: NP07A10            Length(ft): 880.00
         Group: P07                   To Node: NP07A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.390         15.130                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP07A13             From Node: NP07A13            Length(ft): 485.00
         Group: P07                   To Node: NP07A10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.090         16.390                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP07B01             From Node: NP07B01            Length(ft): 922.00
         Group: P07                   To Node: NP07A15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.340         17.220                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP07B05             From Node: NP07B05            Length(ft): 880.00
         Group: P07                   To Node: NP07B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.390         18.340                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP07B10             From Node: NP07B10            Length(ft): 880.00
         Group: P07                   To Node: NP07B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.430         18.390                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP07C01             From Node: NP07C01            Length(ft): 880.00
         Group: P07                   To Node: NP07B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.480         18.430                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP07C05             From Node: NP07C05            Length(ft): 880.00
         Group: P07                   To Node: NP07C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.520         18.480                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP07C10             From Node: NP07C10            Length(ft): 880.00
         Group: P07                   To Node: NP07C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.230         18.520                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP07D01             From Node: NP07D01            Length(ft): 880.00
         Group: P07                   To Node: NP07C10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.080         19.230                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP07D05             From Node: NP07D05            Length(ft): 880.00
         Group: P07                   To Node: NP07D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 22.930         21.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP07D10             From Node: NP07D10            Length(ft): 880.00
         Group: P07                   To Node: NP07D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 24.790         22.930                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP07E01             From Node: NP07E01            Length(ft): 880.00
         Group: P07                   To Node: NP07D10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 26.640         24.790                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP07E05             From Node: NP07E05            Length(ft): 1019.00
         Group: P07                   To Node: NP07E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 28.790         26.640                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP07E10             From Node: NP07E10            Length(ft): 260.00
         Group: P07                   To Node: NP07E07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 29.080         29.000                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08A01             From Node: NP08A01            Length(ft): 276.00
```

```
         Group: P08                  To Node: NP-80                  Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 13.700         12.580                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 1.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08A05             From Node: NP08A05            Length(ft): 221.00
         Group: P08                  To Node: NP08A03                 Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 15.020         13.940                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08A11             From Node: NP08A11            Length(ft): 460.00
         Group: P08                  To Node: NP08A07                 Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 15.690         15.110                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08A17             From Node: NP08A17            Length(ft): 701.00
         Group: P08                  To Node: NP08A13                 Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 16.850         15.710                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP08A19             From Node: NP08A19            Length(ft): 312.00
         Group: P08                   To Node: NP08A17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.350         16.850                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP08B01             From Node: NP08B01            Length(ft): 508.00
         Group: P08                   To Node: NP08A21                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.740         17.530                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP08B05             From Node: NP08B05            Length(ft): 916.00
         Group: P08                   To Node: NP08B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.140         17.740                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP08B09             From Node: NP08B09            Length(ft): 814.00
         Group: P08                   To Node: NP08B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 17.690         17.370                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08C01             From Node: NP08C01            Length(ft): 880.00
         Group: P08                   To Node: NP08B09                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.200         17.690                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08C05             From Node: NP08C05            Length(ft): 880.00
         Group: P08                   To Node: NP08C01                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.700         18.200                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08C10             From Node: NP08C10            Length(ft): 880.00
         Group: P08                   To Node: NP08C05                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.240         18.700                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50          1.50


-----------------------------------------------------------------------------------------------
          Name: RP08D01             From Node: NP08D01            Length(ft): 880.00
         Group: P08                   To Node: NP08C10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.130         19.240                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08D05             From Node: NP08D05            Length(ft): 880.00
         Group: P08                   To Node: NP08D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.020         20.130                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08D10             From Node: NP08D10            Length(ft): 880.00
         Group: P08                   To Node: NP08D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.910         21.020                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08E01             From Node: NP08E01            Length(ft): 880.00
         Group: P08                   To Node: NP08D10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 22.800         21.910                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08E05             From Node: NP08E05            Length(ft): 880.00
         Group: P08                   To Node: NP08E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 23.690         22.800                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP08E10             From Node: NP08E10            Length(ft): 698.00
         Group: P08                   To Node: NP08E05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 24.420         23.690                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP09A01             From Node: NP09A01            Length(ft): 177.00
         Group: P09                   To Node: NP-90                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.840         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP09A07             From Node: NP09A07            Length(ft): 315.00
         Group: P09                   To Node: NP09A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.800         14.840                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP09A11             From Node: NP09A11            Length(ft): 177.00
         Group: P09                   To Node: NP09A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.310         15.570                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP09A15             From Node: NP09A15            Length(ft): 299.00
         Group: P09                   To Node: NP09A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.720         15.820                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP09A21             From Node: NP09A21            Length(ft): 643.00
         Group: P09                   To Node: NP09A17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.290         16.850                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP09A23             From Node: NP09A23            Length(ft): 311.00
         Group: P09                   To Node: NP09A21                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.500         17.290                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP09B01             From Node: NP09B01            Length(ft): 510.00
         Group: P09                   To Node: NP09A25                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.430         17.560                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP09B05             From Node: NP09B05            Length(ft): 331.00
         Group: P09                   To Node: NP09B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.970         17.430                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP09B09             From Node: NP09B09            Length(ft): 416.00
         Group: P09                   To Node: NP09B07                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.450         17.140                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP09B13             From Node: NP09B13            Length(ft): 676.00
         Group: P09                   To Node: NP09B11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.840         17.340                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP09B17             From Node: NP09B17            Length(ft): 254.00
         Group: P09                   To Node: NP09B15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.690         18.840                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP09C01             From Node: NP09C01            Length(ft): 880.00
         Group: P09                   To Node: NP09B17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.180         18.690                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP09C03             From Node: NP09C03            Length(ft): 365.00
         Group: P09                   To Node: NP09C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.970         18.180                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP09C07             From Node: NP09C07            Length(ft): 490.00
         Group: P09                   To Node: NP09C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.140         17.930                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP09C13             From Node: NP09C13            Length(ft): 880.00
         Group: P09                   To Node: NP09C07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.530         18.140                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP09D01             From Node: NP09D01            Length(ft): 880.00
         Group: P09                   To Node: NP09C13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.250         18.530                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP09D05             From Node: NP09D05            Length(ft): 880.00
         Group: P09                   To Node: NP09D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.990         19.250                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP09D10             From Node: NP09D10            Length(ft): 880.00
         Group: P09                   To Node: NP09D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.740         19.990                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP09E01             From Node: NP09E01            Length(ft): 880.00
         Group: P09                   To Node: NP09D10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.490         20.740                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP09E05             From Node: NP09E05            Length(ft): 880.00
         Group: P09                   To Node: NP09E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 22.230         21.490                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP09E10             From Node: NP09E10            Length(ft): 779.00
         Group: P09                   To Node: NP09E05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 22.840         22.230                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10A01             From Node: NP10A01            Length(ft): 300.00
         Group: P10                   To Node: NP-100                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 1.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10A03             From Node: NP10A03            Length(ft): 426.00
         Group: P10                   To Node: NP10A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.180         13.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10A13             From Node: NP10A13            Length(ft): 1001.00
         Group: P10                   To Node: NP10A07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.610         15.290                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10A15             From Node: NP10A15            Length(ft): 314.00
         Group: P10                   To Node: NP10A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.030         15.610                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10B01             From Node: NP10B01            Length(ft): 507.00
         Group: P10                   To Node: NP10A17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.010         17.390                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10B03             From Node: NP10B03            Length(ft): 443.00
```

```
         Group: P10                   To Node: NP10B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.070         18.010                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10B07             From Node: NP10B07            Length(ft): 417.00
         Group: P10                   To Node: NP10B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.020         18.160                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10B09             From Node: NP10B09            Length(ft): 589.00
         Group: P10                   To Node: NP10B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.820         18.020                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10B13             From Node: NP10B13            Length(ft): 251.00
         Group: P10                   To Node: NP10B11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.830         17.410                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP10B17             From Node: NP10B17            Length(ft): 796.00
         Group: P10                   To Node: NP10B13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.150         17.830                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP10C01             From Node: NP10C01            Length(ft): 284.00
         Group: P10                   To Node: NP10B19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.400         19.870                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP10C07             From Node: NP10C07            Length(ft): 625.00
         Group: P10                   To Node: NP10C03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.330         18.620                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP10C13             From Node: NP10C13            Length(ft): 693.00
         Group: P10                   To Node: NP10C07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 20.120         19.330                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10D01             From Node: NP10D01            Length(ft): 1166.00
         Group: P10                   To Node: NP10C15                 Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 20.330         20.270                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10D07             From Node: NP10D07            Length(ft): 880.00
         Group: P10                   To Node: NP10D03                 Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 20.130         20.110                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10D13             From Node: NP10D13            Length(ft): 880.00
         Group: P10                   To Node: NP10D07                 Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 20.150         20.130                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50          1.50


-----------------------------------------------------------------------------------------------
          Name: RP10E01             From Node: NP10E01            Length(ft): 880.00
         Group: P10                   To Node: NP10D13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.170         20.150                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10E05             From Node: NP10E05            Length(ft): 880.00
         Group: P10                   To Node: NP10E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.180         20.170                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP10E10             From Node: NP10E10            Length(ft): 457.00
         Group: P10                   To Node: NP10E05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.230         20.180                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP11A01             From Node: NP11A01            Length(ft): 179.00
         Group: P11                   To Node: NP-110                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.460         12.280                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP11A05             From Node: NP11A05            Length(ft): 502.00
         Group: P11                   To Node: NP11A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.660         13.810                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP11A10             From Node: NP11A10            Length(ft): 465.00
         Group: P11                   To Node: NP11A07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.070         15.780                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP11A15             From Node: NP11A15            Length(ft): 822.00
         Group: P11                   To Node: NP11A12                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.770         17.340                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP11B01             From Node: NP11B01            Length(ft): 638.00
         Group: P11                   To Node: NP11A17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.130         16.780                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP11B05             From Node: NP11B05            Length(ft): 207.00
         Group: P11                   To Node: NP11B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.620         18.170                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP11B10             From Node: NP11B10            Length(ft): 338.00
         Group: P11                   To Node: NP11B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.460         17.990                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP11B15             From Node: NP11B15            Length(ft): 723.00
         Group: P11                   To Node: NP11B12                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.720         18.100                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP11B20             From Node: NP11B20            Length(ft): 880.00
         Group: P11                   To Node: NP11B15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.160         18.720                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP11C01             From Node: NP11C01            Length(ft): 880.00
         Group: P11                   To Node: NP11B20                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.590         19.160                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP11C05             From Node: NP11C05            Length(ft): 941.00
         Group: P11                   To Node: NP11C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.060         19.590                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP11C10             From Node: NP11C10            Length(ft): 234.00
         Group: P11                   To Node: NP11C07                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.300         20.110                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP11D01             From Node: NP11D01            Length(ft): 880.00
         Group: P11                   To Node: NP11C12                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.120         18.530                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP11D05             From Node: NP11D05            Length(ft): 880.00
         Group: P11                   To Node: NP11D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.950         20.120                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP11D10             From Node: NP11D10            Length(ft): 880.00
         Group: P11                   To Node: NP11D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.790         20.950                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP11E01             From Node: NP11E01            Length(ft): 880.00
         Group: P11                   To Node: NP11D10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 22.710         21.790                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP11E05             From Node: NP11E05            Length(ft): 880.00
         Group: P11                   To Node: NP11E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 23.680         22.710                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP11E10             From Node: NP11E10            Length(ft): 701.00
         Group: P11                   To Node: NP11E05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 24.140         23.680                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP12A01             From Node: NP12A01            Length(ft): 300.00
         Group: P12                   To Node: NP-120                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         12.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 1.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP12A03             From Node: NP12A03            Length(ft): 399.00
         Group: P12                   To Node: NP12A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.380         13.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP12A09             From Node: NP12A09            Length(ft): 1027.00
         Group: P12                   To Node: NP12A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.770         14.550                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP12A13             From Node: NP12A13            Length(ft): 313.00
         Group: P12                   To Node: NP12A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.950         15.770                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP12B01             From Node: NP12B01            Length(ft): 507.00
         Group: P12                   To Node: NP12A15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.540         17.100                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP12B05             From Node: NP12B05            Length(ft): 538.00
         Group: P12                   To Node: NP12B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.580         17.540                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP12B09             From Node: NP12B09            Length(ft): 312.00
         Group: P12                   To Node: NP12B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.580         17.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP12B13             From Node: NP12B13            Length(ft): 601.00
         Group: P12                   To Node: NP12B09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.580         17.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP12B17             From Node: NP12B17            Length(ft): 245.00
         Group: P12                   To Node: NP12B15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.580         17.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP12C01             From Node: NP12C01            Length(ft): 636.00
         Group: P12                   To Node: NP12B17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.590         17.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP12C05             From Node: NP12C05            Length(ft): 880.00
         Group: P12                   To Node: NP12C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.610         17.590                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP12C10             From Node: NP12C10            Length(ft): 880.00
```

```
         Group: P12                   To Node: NP12C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.620         17.610                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP12C15             From Node: NP12C15            Length(ft): 727.00
         Group: P12                   To Node: NP12C10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.130         17.620                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP12D01             From Node: NP12D01            Length(ft): 354.00
         Group: P12                   To Node: NP12C17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.100         18.180                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP12D05             From Node: NP12D05            Length(ft): 910.00
         Group: P12                   To Node: NP12D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.910         18.100                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP12D13             From Node: NP12D13            Length(ft): 656.00
         Group: P12                   To Node: NP12D07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.730         17.750                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP12D19             From Node: NP12D19            Length(ft): 585.00
         Group: P12                   To Node: NP12D15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.930         18.870                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP12E01             From Node: NP12E01            Length(ft): 928.00
         Group: P12                   To Node: NP12D21                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.680         20.460                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP12E05             From Node: NP12E05            Length(ft): 990.00
         Group: P12                   To Node: NP12E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 22.910         21.680                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aA05            From Node: NP13aA05           Length(ft): 445.00
         Group: P13a                  To Node: NP13aA01                Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 15.940         13.860                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aA09            From Node: NP13aA09           Length(ft): 668.00
         Group: P13a                  To Node: NP13aA07                Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 16.650         16.270                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aA11            From Node: NP13aA11           Length(ft): 668.00
         Group: P13a                  To Node: NP13aA09                Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 17.040         16.650                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aA15            From Node: NP13aA15           Length(ft): 160.00
         Group: P13a                  To Node: NP13aA13                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.300         17.030                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aB01            From Node: NP13aB01           Length(ft): 657.00
         Group: P13a                  To Node: NP13aA17                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.190         17.210                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aB03            From Node: NP13aB03           Length(ft): 550.00
         Group: P13a                  To Node: NP13aB01                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.170         17.190                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aB11            From Node: NP13aB11           Length(ft): 111.00
         Group: P13a                  To Node: NP13aB09                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.160         17.040                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aB15            From Node: NP13aB15           Length(ft): 75.00
         Group: P13a                  To Node: NP13aB13                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.870         17.140                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aB19            From Node: NP13aB19           Length(ft): 50.00
         Group: P13a                  To Node: NP13aB17                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.980         18.420                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aB23            From Node: NP13aB23           Length(ft): 179.00
         Group: P13a                  To Node: NP13aB21                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.850         17.470                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP13aC01            From Node: NP13aC01           Length(ft): 1241.00
         Group: P13a                  To Node: NP13aB25                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.540         18.210                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aC05            From Node: NP13aC05           Length(ft): 1025.00
         Group: P13a                  To Node: NP13aC01                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.280         17.540                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13aD01            From Node: NP13aD01           Length(ft): 441.00
         Group: P13a                  To Node: NP13aC07                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.380         18.470                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP13bA01            From Node: NP13bA01           Length(ft): 302.00
         Group: P13b                  To Node: NP-135                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.800         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP13bA05            From Node: NP13bA05           Length(ft): 880.00
         Group: P13b                  To Node: NP13bA01                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.400         12.800                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP13bA09            From Node: NP13bA09           Length(ft): 881.00
         Group: P13b                  To Node: NP13bA05                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.000         14.400                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP13bB01            From Node: NP13bB01           Length(ft): 1044.00
         Group: P13b                  To Node: NP13bA11                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.260         16.770                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP13bB05            From Node: NP13bB05           Length(ft): 920.00
         Group: P13b                  To Node: NP13bB01                Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.950         16.260                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP13bB13            From Node: NP13bB13           Length(ft): 1073.00
         Group: P13b                  To Node: NP13bB07                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.790         16.300                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP13bC01            From Node: NP13bC01           Length(ft): 912.00
         Group: P13b                  To Node: NP13bB13                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.390         16.790                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP13bC05            From Node: NP13bC05           Length(ft): 672.00
         Group: P13b                  To Node: NP13bC01                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.080         16.390                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP13bC13            From Node: NP13bC13           Length(ft): 880.00
         Group: P13b                  To Node: NP13bC07                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.070         18.290                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP13bD01            From Node: NP13bD01           Length(ft): 880.00
         Group: P13b                  To Node: NP13bC13                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.840         19.070                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP13bD05            From Node: NP13bD05           Length(ft): 880.00
         Group: P13b                  To Node: NP13bD01                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.620         19.840                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP13bD10            From Node: NP13bD10           Length(ft): 983.00
         Group: P13b                  To Node: NP13bD05                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.490         20.620                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP13bE01            From Node: NP13bE01           Length(ft): 1764.00
         Group: P13b                  To Node: NP13bD10                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.880         20.980                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP14A01             From Node: NP14A01            Length(ft): 169.00
         Group: P14                   To Node: NP-140                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.460         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 1.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP14A07             From Node: NP14A07            Length(ft): 479.00
         Group: P14                   To Node: NP14A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.160         14.350                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP14A11             From Node: NP14A11            Length(ft): 462.00
         Group: P14                   To Node: NP14A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.480         16.360                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14A15             From Node: NP14A15            Length(ft): 404.00
         Group: P14                   To Node: NP14A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.320         17.380                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14A19             From Node: NP14A19            Length(ft): 50.00
         Group: P14                   To Node: NP14A17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.690         17.480                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14A23             From Node: NP14A23            Length(ft): 173.00
         Group: P14                   To Node: NP14A21                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.870         16.880                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14A27             From Node: NP14A27            Length(ft): 350.00
         Group: P14                   To Node: NP14A25                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.180         16.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14B01             From Node: NP14B01            Length(ft): 349.00
         Group: P14                   To Node: NP14A29                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.180         16.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14B05             From Node: NP14B05            Length(ft): 351.00
         Group: P14                   To Node: NP14B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.940         17.180                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14B09             From Node: NP14B09            Length(ft): 38.00
```

```
         Group: P14                  To Node: NP14B07                Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 17.150         16.120                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14B13             From Node: NP14B13            Length(ft): 251.00
         Group: P14                  To Node: NP14B11                Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 17.650         17.050                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14B17             From Node: NP14B17            Length(ft): 348.00
         Group: P14                  To Node: NP14B15                Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 17.690         16.630                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14B21             From Node: NP14B21            Length(ft): 204.00
         Group: P14                  To Node: NP14B19                Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 18.160         17.700                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP14B31             From Node: NP14B31            Length(ft): 194.00
         Group: P14                   To Node: NP14B27                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.110         18.260                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP14B35             From Node: NP14B35            Length(ft): 135.00
         Group: P14                   To Node: NP14B33                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.290         18.030                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP14B39             From Node: NP14B39            Length(ft): 141.00
         Group: P14                   To Node: NP14B37                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.310         18.040                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP14B43             From Node: NP14B43            Length(ft): 295.00
         Group: P14                   To Node: NP14B41                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 19.020         18.260                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14C01             From Node: NP14C01            Length(ft): 153.00
         Group: P14                   To Node: NP14B45                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.890         19.010                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14C05             From Node: NP14C05            Length(ft): 118.00
         Group: P14                   To Node: NP14C03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.770         18.710                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14C09             From Node: NP14C09            Length(ft): 132.00
         Group: P14                   To Node: NP14C07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.030         18.830                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14C13             From Node: NP14C13            Length(ft): 141.00
         Group: P14                   To Node: NP14C11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.830         18.940                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14C17             From Node: NP14C17            Length(ft): 298.00
         Group: P14                   To Node: NP14C15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.030         18.850                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14C21             From Node: NP14C21            Length(ft): 294.00
         Group: P14                   To Node: NP14C19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.070         19.160                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14C24             From Node: NP14C24            Length(ft): 273.00
         Group: P14                   To Node: NP14C23                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.580         19.380                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14D01             From Node: NP14D01            Length(ft): 716.00
         Group: P13b                  To Node: NP14C27                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.540         18.890                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14D05             From Node: NP14D05            Length(ft): 880.00
         Group: P13b                  To Node: NP14D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.450         19.540                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14D07             From Node: NP14D07            Length(ft): 271.00
         Group: P13b                  To Node: NP14D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.090         19.450                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP14D13             From Node: NP14D13            Length(ft): 579.00
         Group: P13b                  To Node: NP14D09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.170         18.980                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14D19             From Node: NP14D19            Length(ft): 540.00
         Group: P13b                  To Node: NP14D13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.340         19.170                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14E01             From Node: NP14E01            Length(ft): 342.00
         Group: P13b                  To Node: NP14D21                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.990         19.360                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP14E03             From Node: NP14E03            Length(ft): 880.00
         Group: P13b                  To Node: NP14E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.580         18.990                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP14E05             From Node: NP14E05            Length(ft): 824.00
         Group: P13b                  To Node: NP14E03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.080         20.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP14NBP             From Node: NP14NBP            Length(ft): 599.00
         Group: P13b                  To Node: NP13bC07                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.050         18.290                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.100
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.500
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP15A01             From Node: NP15A01            Length(ft): 300.00
         Group: P15                   To Node: NP-150                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.300         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP15A05             From Node: NP15A05            Length(ft): 580.00
         Group: P15                   To Node: NP15A01                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 15.070         14.300                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP15A10              From Node: NP15A10            Length(ft): 756.00
         Group: P15                    To Node: NP15A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 16.100         15.070                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.250
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP15A13              From Node: NP15A13            Length(ft): 454.00
         Group: P15                    To Node: NP15A10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 14.830         16.100                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP15A17              From Node: NP15A17            Length(ft): 353.00
         Group: P15                    To Node: NP15A15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 14.880         14.830                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP15B01             From Node: NP15B01            Length(ft): 353.00
         Group: P15                   To Node: NP15A19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.980         14.880                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP15B05             From Node: NP15B05            Length(ft): 345.00
         Group: P15                   To Node: NP15B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.080         14.980                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP15D01             From Node: NP15D01            Length(ft): 219.00
         Group: P13b                  To Node: NP15NBPB                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.940         19.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00



-----------------------------------------------------------------------------------------------------
          Name: RP15D05             From Node: NP15D05            Length(ft): 880.00
         Group: P13b                  To Node: NP15D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.900         18.940                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------------
          Name: RP15D07             From Node: NP15D07            Length(ft): 874.00
         Group: P13b                  To Node: NP15D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.860         18.900                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 1.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------------
          Name: RP15E01             From Node: NP15E01            Length(ft): 940.00
         Group: P13b                  To Node: NP15D09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.310         18.890                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------------
          Name: RP15E05             From Node: NP15E05            Length(ft): 829.00
         Group: P13b                  To Node: NP15E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.780         20.310                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00
```

```
-----------------------------------------------------------------------------------------------
          Name: RP15E15             From Node: NP15E15            Length(ft): 899.00
         Group: P13b                  To Node: NP15E10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.080         20.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------
          Name: RP15NBPB            From Node: NP15NBPB           Length(ft): 1003.00
         Group: P13b                  To Node: NP15NBPA                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.950         18.490                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.100
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP15NBPC            From Node: NP15NBPC           Length(ft): 464.00
         Group: P13b                  To Node: NP15NBPB                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.080         18.950                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16A01             From Node: NP16A01            Length(ft): 300.00
         Group: P16                   To Node: NP-160                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 1.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16A03             From Node: NP16A03            Length(ft): 47.00
         Group: P16                   To Node: NP16A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.510         13.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16A07             From Node: NP16A07            Length(ft): 503.00
         Group: P16                   To Node: NP16A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.280         14.650                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16A09             From Node: NP16A09            Length(ft): 351.00
         Group: P16                   To Node: NP16A07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.880         16.280                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16A12             From Node: NP16A12            Length(ft): 443.00
```

```
         Group: P16                   To Node: NP16A11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.680         16.970                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16A13             From Node: NP16A13            Length(ft): 399.00
         Group: P16                   To Node: NP16A12                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.480         17.680                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16A15             From Node: NP16A15            Length(ft): 558.00
         Group: P16                   To Node: NP16A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.060         17.610                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16B01             From Node: NP16B01            Length(ft): 327.00
         Group: P16                   To Node: NP16A17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.630         16.140                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP16B05             From Node: NP16B05            Length(ft): 326.00
         Group: P16                   To Node: NP16B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.480         16.920                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP16B09             From Node: NP16B09            Length(ft): 341.00
         Group: P16                   To Node: NP16B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.400         16.700                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP16B13             From Node: NP16B13            Length(ft): 340.00
         Group: P16                   To Node: NP16B11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.570         16.540                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP16B17             From Node: NP16B17            Length(ft): 340.00
         Group: P16                   To Node: NP16B15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 16.680         16.540                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16B21             From Node: NP16B21            Length(ft): 357.00
         Group: P16                   To Node: NP16B19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.810         17.140                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16B25             From Node: NP16B25            Length(ft): 308.00
         Group: P16                   To Node: NP16B23                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.280         16.940                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16C01             From Node: NP16C01            Length(ft): 311.00
         Group: P16                   To Node: NP16B27                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.310         17.450                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50          1.50



-----------------------------------------------------------------------------------------------
          Name: RP16C05             From Node: NP16C05            Length(ft): 296.00
         Group: P16                   To Node: NP16C03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.670         17.210                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP16C09             From Node: NP16C09            Length(ft): 299.00
         Group: P16                   To Node: NP16C07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.330         17.070                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP16C13             From Node: NP16C13            Length(ft): 287.00
         Group: P16                   To Node: NP16C11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.070         17.420                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP16C17             From Node: NP16C17            Length(ft): 285.00
         Group: P16                   To Node: NP16C15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.250         18.360                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16C21             From Node: NP16C21            Length(ft): 291.00
         Group: P16                   To Node: NP16C19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.970         17.260                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16C25             From Node: NP16C25            Length(ft): 286.00
         Group: P16                   To Node: NP16C23                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.340         17.690                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16C29             From Node: NP16C29            Length(ft): 303.00
         Group: P16                   To Node: NP16C27                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.260         18.320                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP16D01SB           From Node: NP16D01            Length(ft): 1255.00
         Group: P18                   To Node: NP16SBPA                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.580         18.240                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.100
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16D05             From Node: NP16D05            Length(ft): 664.00
         Group: P18                   To Node: NP16D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.060         19.860                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16D05W            From Node: NP16D01            Length(ft): 700.00
         Group: P18                   To Node: NP16C31                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.860         19.330                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP16D09             From Node: NP16D09            Length(ft): 371.00
         Group: P18                   To Node: NP16D07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.950         18.880                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP16D13             From Node: NP16D13            Length(ft): 248.00
         Group: P18                   To Node: NP16D11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.990         18.820                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP16D17             From Node: NP16D17            Length(ft): 31.00
         Group: P18                   To Node: NP16D15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.270         16.520                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP16D21             From Node: NP16D21            Length(ft): 494.00
         Group: P18                   To Node: NP16D19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.320         15.500                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP16D25             From Node: NP16D25            Length(ft): 266.00
         Group: P18                   To Node: NP16D23                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.880         18.400                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP16E01              From Node: NP16E01            Length(ft): 542.00
         Group: P18                    To Node: NP16D27                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.430         19.110                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP16E05              From Node: NP16E05            Length(ft): 694.00
         Group: P18                    To Node: NP16E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.950         19.050                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP16E09              From Node: NP16E09            Length(ft): 714.00
         Group: P18                    To Node: NP16E05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.830         18.950                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP16E13             From Node: NP16E13            Length(ft): 806.00
         Group: P18                   To Node: NP16E11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.180         19.160                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP17A01             From Node: NP17A01            Length(ft): 300.00
         Group: P17                   To Node: NP-170                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP17A05             From Node: NP17A05            Length(ft): 580.00
         Group: P17                   To Node: NP17A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.440         13.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP17A09             From Node: NP17A09            Length(ft): 1052.00
         Group: P17                   To Node: NP17A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.550         15.440                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP17A13             From Node: NP17A13            Length(ft): 304.00
         Group: P17                   To Node: NP17A11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.580         16.670                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP17B01             From Node: NP17B01            Length(ft): 338.00
         Group: P17                   To Node: NP17A15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.130         16.970                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP17B05             From Node: NP17B05            Length(ft): 347.00
         Group: P17                   To Node: NP17B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.140         17.280                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP17B09             From Node: NP17B09            Length(ft): 347.00
         Group: P17                   To Node: NP17B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.950         18.150                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17B13             From Node: NP17B13            Length(ft): 342.00
         Group: P17                   To Node: NP17B11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.020         16.940                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17B17             From Node: NP17B17            Length(ft): 397.00
         Group: P17                   To Node: NP17B15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.010         17.400                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17B21             From Node: NP17B21            Length(ft): 92.00
         Group: P17                   To Node: NP17B19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.770         18.260                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17B25             From Node: NP17B25            Length(ft): 313.00
         Group: P17                   To Node: NP17B23                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.150         17.770                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17B29             From Node: NP17B29            Length(ft): 299.00
         Group: P17                   To Node: NP17B27                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.240         18.270                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17C01             From Node: NP17C01            Length(ft): 284.00
         Group: P17                   To Node: NP17B31                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.780         18.150                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17C05             From Node: NP17C05            Length(ft): 298.00
```

```
         Group: P17                   To Node: NP17C03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.450         19.440                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17C09             From Node: NP17C09            Length(ft): 289.00
         Group: P17                   To Node: NP17C07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.090         18.900                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17C12             From Node: NP17C11A           Length(ft): 276.00
         Group: P17                   To Node: NP17C11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.010         19.140                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17C13A            From Node: NP17C13            Length(ft): 276.00
         Group: P17                   To Node: NP17C12                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.630         18.010                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP17C17             From Node: NP17C17            Length(ft): 284.00
         Group: P17                   To Node: NP17C15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.500         18.680                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP17C19E            From Node: NP17C19            Length(ft): 258.00
         Group: P18                   To Node: NP17C21                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.680         19.780                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP17C21             From Node: NP17C21            Length(ft): 517.00
         Group: P18                   To Node: NP17SBP                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.780         18.380                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP17D01             From Node: NP17D01            Length(ft): 208.00
         Group: P18                   To Node: NP17SBP                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 17.820         19.680                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17D05             From Node: NP17D05            Length(ft): 423.00
         Group: P18                   To Node: NP17D03                 Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 19.080         18.890                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17D09             From Node: NP17D09            Length(ft): 443.00
         Group: P18                   To Node: NP17D07                 Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 18.970         19.150                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17D13             From Node: NP17D13            Length(ft): 528.00
         Group: P18                   To Node: NP17D11                 Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 18.970         19.040                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50          1.50



-----------------------------------------------------------------------------------------------
          Name: RP17D17             From Node: NP17D17            Length(ft): 497.00
         Group: P18                   To Node: NP17D15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.000         19.140                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP17E01             From Node: NP17E01            Length(ft): 446.00
         Group: P18                   To Node: NP17D19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.240         18.370                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP17E07             From Node: NP17E07            Length(ft): 852.00
         Group: P18                   To Node: NP17E03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.100         18.510                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP17E09             From Node: NP17E09            Length(ft): 462.00
         Group: P18                   To Node: NP17E07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.000         19.100                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17E13             From Node: NP17E13            Length(ft): 653.00
         Group: P18                   To Node: NP17E11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.580         20.160                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP17SBP             From Node: NP17SBP            Length(ft): 1275.00
         Group: P18                   To Node: NP17SBPA                Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.530         16.490                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.100
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP18A01             From Node: NP18A01            Length(ft): 300.00
         Group: P18                   To Node: NP-180                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.580         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP18A05             From Node: NP18A05            Length(ft): 580.00
         Group: P18                   To Node: NP18A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.970         14.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP18A10             From Node: NP18A10            Length(ft): 880.00
         Group: P18                   To Node: NP18A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.130         13.970                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP18B01             From Node: NP18B01            Length(ft): 880.00
         Group: P18                   To Node: NP18A10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.810         15.130                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP18B05             From Node: NP18B05            Length(ft): 880.00
         Group: P18                   To Node: NP18B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.890         15.810                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP18B07             From Node: NP18B07            Length(ft): 603.00
         Group: P18                   To Node: NP18B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.190         15.890                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP18B11             From Node: NP18B11            Length(ft): 247.00
         Group: P18                   To Node: NP18B09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.120         17.770                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP18C01             From Node: NP18C01            Length(ft): 880.00
         Group: P18                   To Node: NP18B11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.210         17.120                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP18C03             From Node: NP18C03            Length(ft): 885.00
         Group: P18                   To Node: NP18C01                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 16.700         16.210                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP18C07              From Node: NP18C07            Length(ft): 316.00
         Group: P18                    To Node: NP18C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 17.350         16.930                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP18C11              From Node: NP18C11            Length(ft): 298.00
         Group: P18                    To Node: NP18C09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 17.250         17.720                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP18C15              From Node: NP18C15            Length(ft): 620.00
         Group: P18                    To Node: NP18C13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 16.780         16.870                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP18D01             From Node: NP18D01            Length(ft): 397.00
         Group: P18                   To Node: NP18C15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.720         16.780                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP18D05             From Node: NP18D05            Length(ft): 880.00
         Group: P18                   To Node: NP18D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.220         16.720                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP18D10             From Node: NP18D10            Length(ft): 880.00
         Group: P18                   To Node: NP18D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.720         17.220                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP18D13             From Node: NP18D13            Length(ft): 458.00
         Group: P18                   To Node: NP18D10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.070         17.720                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP18D17             From Node: NP18D17            Length(ft): 85.00
         Group: P18                   To Node: NP18D15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.030         18.560                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP18E01             From Node: NP18E01            Length(ft): 448.00
         Group: P18                   To Node: NP18D19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.040         18.110                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP18E05             From Node: NP18E05            Length(ft): 651.00
         Group: P18                   To Node: NP18E03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.730         18.530                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP18E09             From Node: NP18E09            Length(ft): 750.00
         Group: P18                   To Node: NP18E05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.620         18.730                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19A01             From Node: NP19A01            Length(ft): 300.00
         Group: P19                   To Node: NP-190                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 1.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19A03             From Node: NP19A03            Length(ft): 78.00
         Group: P19                   To Node: NP19A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.290         13.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19A07             From Node: NP19A07            Length(ft): 463.00
         Group: P19                   To Node: NP19A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.290         14.340                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19A09             From Node: NP19A09            Length(ft): 178.00
         Group: P19                   To Node: NP19A07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.610         15.290                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19A13             From Node: NP19A13            Length(ft): 640.00
         Group: P19                   To Node: NP19A11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.690         15.260                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19B01             From Node: NP19B01            Length(ft): 659.00
         Group: P19                   To Node: NP19A15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.520         15.100                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19B05             From Node: NP19B05            Length(ft): 623.00
```

```
         Group: P19                   To Node: NP19B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.330         16.090                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19B09             From Node: NP19B09            Length(ft): 383.00
         Group: P19                   To Node: NP19B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.070         15.870                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19B11             From Node: NP19B11            Length(ft): 936.00
         Group: P19                   To Node: NP19B09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.690         15.070                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19C01             From Node: NP19C01            Length(ft): 784.00
         Group: P19                   To Node: NP19B13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.200         16.570                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP19C05             From Node: NP19C05            Length(ft): 880.00
         Group: P19                   To Node: NP19C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.780         16.200                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP19C07             From Node: NP19C07            Length(ft): 679.00
         Group: P19                   To Node: NP19C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.650         15.780                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP19C11             From Node: NP19C11            Length(ft): 271.00
         Group: P19                   To Node: NP19C09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.680         17.600                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP19C15             From Node: NP19C15            Length(ft): 622.00
         Group: P19                   To Node: NP19C13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 17.780         17.680                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19D01             From Node: NP19D01            Length(ft): 623.00
         Group: P19                   To Node: NP19C17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.220         17.540                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19D05             From Node: NP19D05            Length(ft): 343.00
         Group: P19                   To Node: NP19D03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.870         17.980                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP19D09             From Node: NP19D09            Length(ft): 357.00
         Group: P19                   To Node: NP19D07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.400         17.210                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50          1.50



-----------------------------------------------------------------------------------------------
          Name: RP19D13             From Node: NP19D13            Length(ft): 125.00
         Group: P19                   To Node: NP19D11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.970         17.000                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP19E01             From Node: NP19E01            Length(ft): 983.00
         Group: P19                   To Node: NP19D15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.590         17.160                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP19E05             From Node: NP19E05            Length(ft): 880.00
         Group: P19                   To Node: NP19E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.980         17.590                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP19E07             From Node: NP19E07            Length(ft): 920.00
         Group: P19                   To Node: NP19E05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.380         17.980                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP20A01             From Node: NP20A01            Length(ft): 300.00
         Group: P20                   To Node: NP-200                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP20A03             From Node: NP20A03            Length(ft): 78.00
         Group: P20                   To Node: NP20A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.630         13.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP20A07             From Node: NP20A07            Length(ft): 643.00
         Group: P20                   To Node: NP20A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.140         14.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP20A11             From Node: NP20A11            Length(ft): 638.00
         Group: P20                   To Node: NP20A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.980         15.260                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP20A15             From Node: NP20A15            Length(ft): 652.00
         Group: P20                   To Node: NP20A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.930         16.230                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP20B01             From Node: NP20B01            Length(ft): 628.00
         Group: P20                   To Node: NP20A17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.960         15.940                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP20B05             From Node: NP20B05            Length(ft): 379.00
         Group: P20                   To Node: NP20B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.840         16.190                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP20B07             From Node: NP20B07            Length(ft): 261.00
         Group: P20                   To Node: NP20B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.070         14.840                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP20B11             From Node: NP20B11            Length(ft): 640.00
         Group: P20                   To Node: NP20B09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.460         16.190                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP20B15             From Node: NP20B15            Length(ft): 639.00
         Group: P20                   To Node: NP20B13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.010         16.400                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP20C01             From Node: NP20C01            Length(ft): 640.00
         Group: P20                   To Node: NP20B17                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.820         16.400                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-------------------------------------------------------------------------------------------------
          Name: RP20C05             From Node: NP20C05            Length(ft): 301.00
         Group: P20                   To Node: NP20C03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.570         15.540                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-------------------------------------------------------------------------------------------------
          Name: RP20C07             From Node: NP20C07            Length(ft): 341.00
         Group: P20                   To Node: NP20C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.740         16.570                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-------------------------------------------------------------------------------------------------
          Name: RP20C11             From Node: NP20C11            Length(ft): 304.00
         Group: P20                   To Node: NP20C09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.910         17.640                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP20C15             From Node: NP20C15            Length(ft): 274.00
         Group: P20                   To Node: NP20C13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.360         17.860                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP20C19             From Node: NP20C19            Length(ft): 616.00
         Group: P20                   To Node: NP20C17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.480         17.260                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP20D01             From Node: NP20D01            Length(ft): 637.00
         Group: P20                   To Node: NP20C21                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.830         17.580                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP20D05             From Node: NP20D05            Length(ft): 211.00
         Group: P20                   To Node: NP20D03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.910         18.540                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP20D07             From Node: NP20D07            Length(ft): 302.00
         Group: P20                   To Node: NP20D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.000         17.910                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP20D11             From Node: NP20D11            Length(ft): 548.00
         Group: P20                   To Node: NP20D09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.090         16.770                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP20E01             From Node: NP20E01            Length(ft): 880.00
         Group: P20                   To Node: NP20D11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.670         17.090                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP20E03             From Node: NP20E03            Length(ft): 504.00
         Group: P20                   To Node: NP20E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.580         18.670                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP20E07             From Node: NP20E07            Length(ft): 1051.00
         Group: P20                   To Node: NP20E05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.180         20.110                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21A01             From Node: NP21A01            Length(ft): 300.00
         Group: P21                   To Node: NP-210                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 1.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21A03             From Node: NP21A03            Length(ft): 420.00
         Group: P21                   To Node: NP21A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.280         13.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21A07             From Node: NP21A07            Length(ft): 678.00
         Group: P21                   To Node: NP21A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.840         14.780                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21A11             From Node: NP21A11            Length(ft): 282.00
         Group: P21                   To Node: NP21A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.450         16.270                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21A13             From Node: NP21A13            Length(ft): 333.00
         Group: P21                   To Node: NP21A11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.670         16.450                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21B01             From Node: NP21B01            Length(ft): 586.00
```

```
         Group: P21                   To Node: NP21A15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.670         16.670                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21B05             From Node: NP21B05            Length(ft): 640.00
         Group: P21                   To Node: NP21B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.890         16.500                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21B09             From Node: NP21B09            Length(ft): 643.00
         Group: P21                   To Node: NP21B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.720         16.500                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21B13             From Node: NP21B13            Length(ft): 277.00
         Group: P21                   To Node: NP21B11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.550         15.890                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP21B15             From Node: NP21B15            Length(ft): 363.00
         Group: P21                   To Node: NP21B13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.420         16.550                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP21C01             From Node: NP21C01            Length(ft): 477.00
         Group: P21                   To Node: NP21B17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.990         16.900                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP21C03             From Node: NP21C03            Length(ft): 408.00
         Group: P21                   To Node: NP21C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.060         16.990                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP21C07             From Node: NP21C07            Length(ft): 318.00
         Group: P21                   To Node: NP21C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 17.760         16.990                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21C11             From Node: NP21C11            Length(ft): 136.00
         Group: P21                   To Node: NP21C09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.480         17.370                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21C15             From Node: NP21C15            Length(ft): 560.00
         Group: P21                   To Node: NP21C13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.300         17.940                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21C19             From Node: NP21C19            Length(ft): 901.00
         Group: P21                   To Node: NP21C17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.760         18.860                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50          1.50



-----------------------------------------------------------------------------------------------
          Name: RP21D01             From Node: NP21D01            Length(ft): 397.00
         Group: P21                   To Node: NP21C21                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.900         17.870                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP21D05             From Node: NP21D05            Length(ft): 618.00
         Group: P21                   To Node: NP21D03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.510         17.820                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP21D09             From Node: NP21D09            Length(ft): 533.00
         Group: P21                   To Node: NP21D07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.890         18.130                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP21D13             From Node: NP21D13            Length(ft): 223.00
         Group: P21                   To Node: NP21D11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.450         17.950                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21D17             From Node: NP21D17            Length(ft): 306.00
         Group: P21                   To Node: NP21D15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.290         19.100                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21D21             From Node: NP21D21            Length(ft): 233.00
         Group: P21                   To Node: NP21D19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.720         19.310                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21E01             From Node: NP21E01            Length(ft): 442.00
         Group: P21                   To Node: NP21D23                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.470         18.510                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP21E05             From Node: NP21E05            Length(ft): 284.00
         Group: P21                   To Node: NP21E03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.770         18.610                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21E09             From Node: NP21E09            Length(ft): 258.00
         Group: P21                   To Node: NP21E07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.150         18.920                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21E11             From Node: NP21E11            Length(ft): 540.00
         Group: P21                   To Node: NP21E09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 20.910         18.150                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP21E15             From Node: NP21E15            Length(ft): 19.00
         Group: P21                   To Node: NP21E13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 21.240         21.280                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP22A01             From Node: NP22A01            Length(ft): 300.00
         Group: P22                   To Node: NP-220                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP22A03             From Node: NP22A03            Length(ft): 419.00
         Group: P22                   To Node: NP22A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.640         13.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP22A07             From Node: NP22A07            Length(ft): 641.00
         Group: P22                   To Node: NP22A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.110         16.120                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP22A11             From Node: NP22A11            Length(ft): 418.00
         Group: P22                   To Node: NP22A09                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 16.520         14.590                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP22A15             From Node: NP22A15            Length(ft): 199.00
         Group: P22                   To Node: NP22A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 15.280         16.350                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP22B01             From Node: NP22B01            Length(ft): 638.00
         Group: P22                   To Node: NP22A17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 16.420         15.670                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP22B05             From Node: NP22B05            Length(ft): 624.00
         Group: P22                   To Node: NP22B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 15.740         15.930                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP22B09             From Node: NP22B09            Length(ft): 641.00
         Group: P22                   To Node: NP22B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.170         15.960                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP22B13             From Node: NP22B13            Length(ft): 641.00
         Group: P22                   To Node: NP22B11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.090         16.590                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP22C01             From Node: NP22C01            Length(ft): 437.00
         Group: P22                   To Node: NP22B15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.860         16.210                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP22C03             From Node: NP22C03            Length(ft): 205.00
         Group: P22                   To Node: NP22C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.090         16.860                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP22C07             From Node: NP22C07            Length(ft): 637.00
         Group: P22                   To Node: NP22C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.260         16.490                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP22C11             From Node: NP22C11            Length(ft): 595.00
         Group: P22                   To Node: NP22C09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.390         16.340                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP22C15             From Node: NP22C15            Length(ft): 527.00
         Group: P22                   To Node: NP22C13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.190         17.280                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP22C19             From Node: NP22C19            Length(ft): 292.00
         Group: P22                   To Node: NP22C17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.740         17.190                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP22D01             From Node: NP22D01            Length(ft): 235.00
         Group: P22                   To Node: NP22C21                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.200         17.880                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP22D05             From Node: NP22D05            Length(ft): 488.00
         Group: P22                   To Node: NP22D03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.530         18.820                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP22D09             From Node: NP22D09            Length(ft): 679.00
         Group: P22                   To Node: NP22D07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.650         18.820                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP22D13             From Node: NP22D13            Length(ft): 392.00
         Group: P22                   To Node: NP22D11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.520         17.790                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP22D15             From Node: NP22D15            Length(ft): 231.00
         Group: P22                   To Node: NP22D13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.800         17.520                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP22E01             From Node: NP22E01            Length(ft): 652.00
         Group: P22                   To Node: NP22D17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.970         17.440                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP22E05             From Node: NP22E05            Length(ft): 484.00
```

```
         Group: P22                  To Node: NP22E03                Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 19.270         19.040                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP22E09             From Node: NP22E09            Length(ft): 353.00
         Group: P22                  To Node: NP22E07                Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 18.280         19.340                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP22E13             From Node: NP22E13            Length(ft): 671.00
         Group: P22                  To Node: NP22E11                Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 19.080         17.870                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP23A01             From Node: NP23A01            Length(ft): 300.00
         Group: P23                  To Node: NP-230                 Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 13.580         12.580                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 1.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP23A03             From Node: NP23A03            Length(ft): 483.00
         Group: P23                   To Node: NP23A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.110         13.580                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP23A10             From Node: NP23A10            Length(ft): 937.00
         Group: P23                   To Node: NP23A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.790         17.250                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP23B01             From Node: NP23B01            Length(ft): 880.00
         Group: P23                   To Node: NP23A10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.360         16.790                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP23B05             From Node: NP23B05            Length(ft): 880.00
         Group: P23                   To Node: NP23B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 15.930         16.360                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP23B10             From Node: NP23B10            Length(ft): 880.00
         Group: P23                   To Node: NP23B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.040         15.930                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP23C01             From Node: NP23C01            Length(ft): 880.00
         Group: P23                   To Node: NP23B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.160         16.040                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP23C05             From Node: NP23C05            Length(ft): 880.00
         Group: P23                   To Node: NP23C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.280         16.160                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50          1.50



-----------------------------------------------------------------------------------------------
          Name: RP23C07             From Node: NP23C07            Length(ft): 696.00
         Group: P23                   To Node: NP23C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.070         16.280                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP23C11             From Node: NP23C11            Length(ft): 768.00
         Group: P23                   To Node: NP23C09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.360         18.620                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP23C15             From Node: NP23C15            Length(ft): 204.00
         Group: P23                   To Node: NP23C13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.090         18.210                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP23D01             From Node: NP23D01            Length(ft): 348.00
         Group: P23                   To Node: NP23C17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.050         17.870                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP23D05             From Node: NP23D05            Length(ft): 470.00
         Group: P23                   To Node: NP23D03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.580         17.320                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP23D09             From Node: NP23D09            Length(ft): 404.00
         Group: P23                   To Node: NP23D07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.890         17.650                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP23D13             From Node: NP23D13            Length(ft): 554.00
         Group: P23                   To Node: NP23D11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.400         19.110                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
--------------------------------------------------------------------------------------------------
          Name: RP23D17             From Node: NP23D17            Length(ft): 109.00
         Group: P23                   To Node: NP23D15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.280         19.190                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


--------------------------------------------------------------------------------------------------
          Name: RP23E01             From Node: NP23E01            Length(ft): 565.00
         Group: P23                   To Node: NP23D19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.300         18.120                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


--------------------------------------------------------------------------------------------------
          Name: RP23E03             From Node: NP23E03            Length(ft): 570.00
         Group: P23                   To Node: NP23E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.480         18.300                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


--------------------------------------------------------------------------------------------------
          Name: RP23E07             From Node: NP23E07            Length(ft): 396.00
         Group: P23                   To Node: NP23E05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.910         18.480                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP23E11             From Node: NP23E11            Length(ft): 616.00
         Group: P23                   To Node: NP23E09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.910         18.300                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP24A01             From Node: NP24A01            Length(ft): 300.00
         Group: P24                   To Node: NP-240                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.580         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP24A05             From Node: NP24A05            Length(ft): 580.00
         Group: P24                   To Node: NP24A01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.020         14.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RP24A10             From Node: NP24A10            Length(ft): 880.00
         Group: P24                   To Node: NP24A05                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.260         15.020                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP24B01             From Node: NP24B01            Length(ft): 880.00
         Group: P24                   To Node: NP24A10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.490         15.260                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP24B05             From Node: NP24B05            Length(ft): 880.00
         Group: P24                   To Node: NP24B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.730         15.490                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP24B10             From Node: NP24B10            Length(ft): 880.00
         Group: P24                   To Node: NP24B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.160         15.730                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP24C01             From Node: NP24C01            Length(ft): 880.00
         Group: P24                   To Node: NP24B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.690         16.160                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP24C05             From Node: NP24C05            Length(ft): 880.00
         Group: P24                   To Node: NP24C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.220         16.690                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP24C07             From Node: NP24C07            Length(ft): 692.00
         Group: P24                   To Node: NP24C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.480         17.220                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RP24D01             From Node: NP24D01            Length(ft): 1019.00
         Group: P24                   To Node: NP24C09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.930         17.830                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP24D05             From Node: NP24D05            Length(ft): 880.00
         Group: P24                   To Node: NP24D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.130         16.930                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP24D10             From Node: NP24D10            Length(ft): 880.00
         Group: P24                   To Node: NP24D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.390         17.130                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RP24E01             From Node: NP24E01            Length(ft): 880.00
         Group: P24                   To Node: NP24D10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.800         17.390                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RP24E05             From Node: NP24E05            Length(ft): 1012.00
         Group: P24                   To Node: NP24E01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.270         17.800                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RP24E09             From Node: NP24E09            Length(ft): 577.00
         Group: P24                   To Node: NP24E07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.270         18.240                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RSCH10N             From Node: NS10N              Length(ft): 20.00
         Group: STATE                 To Node: NS10                    Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 24.380         23.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.060000       0.060000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 10.000         10.000
  LtSdSlp(h/v): 10.00          10.00
  RtSdSlp(h/v): 10.00          10.00


-----------------------------------------------------------------------------------------------
          Name: RSCH6               From Node: NS11               Length(ft): 370.00
         Group: STATE                 To Node: NS10A                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.980         19.680                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.060000       0.060000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.200          8.200
  LtSdSlp(h/v): 1.10           1.10
  RtSdSlp(h/v): 1.20           1.20


-----------------------------------------------------------------------------------------------
          Name: RSCH6A              From Node: NS10A              Length(ft): 300.00
         Group: STATE                 To Node: NS10                   Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 19.680         19.080                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.060000       0.060000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.200          8.200
  LtSdSlp(h/v): 1.10           1.10
  RtSdSlp(h/v): 1.20           1.20


-----------------------------------------------------------------------------------------------
          Name: RSCH7               From Node: NS13               Length(ft): 678.00
         Group: STATE                 To Node: NS12                   Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 21.080         18.680                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.060000       0.060000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.800          8.800
  LtSdSlp(h/v): 1.70           1.70
  RtSdSlp(h/v): 1.70           1.70


-----------------------------------------------------------------------------------------------
          Name: RSCH8               From Node: NS14               Length(ft): 673.00
         Group: STATE                 To Node: NS13                   Count: 1

                UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 22.080         21.080                               Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                   Contraction Coef: 0.000
   Manning's N: 0.060000       0.060000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                            Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 9.500          9.500
  LtSdSlp(h/v): 1.80           1.80
  RtSdSlp(h/v): 1.80           1.80


-----------------------------------------------------------------------------------------------
          Name: RSCH9               From Node: NS15               Length(ft): 983.00
```

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         Group: STATE                 To Node: NS14                    Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 23.080         22.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.100000       0.100000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 2.00           2.00
  RtSdSlp(h/v): 2.00           2.00


-----------------------------------------------------------------------------------------------
          Name: RU-10               From Node: NU-10              Length(ft): 1320.00
         Group: LU                    To Node: NF-90                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 6.880          6.580                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                  Expansion Coef: 0.300
  Top Clip(ft):                                              Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                  Exit Loss Coef: 0.000
     Main XSec: RU-17'         RU-17'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RU-100              From Node: NU-100             Length(ft): 1320.00
         Group: LU                    To Node: NU-90                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                  Expansion Coef: 0.300
  Top Clip(ft):                                              Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                  Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                         Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RU-10B              From Node: NI-10W             Length(ft): 5300.00
         Group: U01                   To Node: NU-10A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.580         14.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------------
          Name: RU-110              From Node: NU-110            Length(ft): 1320.00
         Group: LU                    To Node: NU-100                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------------
          Name: RU-120              From Node: NU-120            Length(ft): 1320.00
         Group: LU                    To Node: NU-110                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------------
          Name: RU-130              From Node: NU-130            Length(ft): 1320.00
         Group: LU                    To Node: NU-120                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------------
          Name: RU-140              From Node: NU-140            Length(ft): 1320.00
         Group: LU                    To Node: NU-130                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
```

```
    Invert(ft): 7.580          7.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                Expansion Coef: 0.300
  Top Clip(ft):                                           Entrance Loss Coef: 0.000
  Bot Clip(ft):                                               Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RU-150              From Node: NU-150             Length(ft): 1320.00
         Group: LU                    To Node: NU-140                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                Expansion Coef: 0.300
  Top Clip(ft):                                           Entrance Loss Coef: 0.000
  Bot Clip(ft):                                               Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RU-160              From Node: NU-160             Length(ft): 1320.00
         Group: LU                    To Node: NU-150                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                Expansion Coef: 0.300
  Top Clip(ft):                                           Entrance Loss Coef: 0.000
  Bot Clip(ft):                                               Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RU-170              From Node: NU-170             Length(ft): 1320.00
         Group: LU                    To Node: NU-160                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                Expansion Coef: 0.300
  Top Clip(ft):                                           Entrance Loss Coef: 0.000
  Bot Clip(ft):                                               Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
```

```
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------
          Name: RU-180              From Node: NU-180            Length(ft): 1320.00
         Group: LU                    To Node: NU-170                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------
          Name: RU-190              From Node: NU-190            Length(ft): 1320.00
         Group: LU                    To Node: NU-180                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------
          Name: RU-20               From Node: NU-20             Length(ft): 1320.00
         Group: LU                    To Node: NU-10                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.180          6.880                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------
          Name: RU-200              From Node: NU-200            Length(ft): 1320.00
         Group: LU                    To Node: NU-190                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-------------------------------------------------------------------------------------------------
          Name: RU-20B              From Node: NU-20B             Length(ft): 3300.00
         Group: U02                   To Node: NU-20A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.080         14.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-------------------------------------------------------------------------------------------------
          Name: RU-20C              From Node: NI-20W             Length(ft): 1400.00
         Group: U02                   To Node: NU-20B                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.580         15.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-------------------------------------------------------------------------------------------------
          Name: RU-230              From Node: NU-230             Length(ft): 3860.00
         Group: FJV                   To Node: NU-205                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.700          7.700                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                              Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                  Exit Loss Coef: 0.000
     Main XSec: FJV-LATU       FJV-LATU                     Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):
```

```
-----------------------------------------------------------------------------------------------
          Name: RU-235              From Node: NU-235             Length(ft): 1200.00
         Group: FJV                   To Node: NU-230                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.700          7.700                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: FJV-LATU       FJV-LATU                     Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RU-30               From Node: NU-30              Length(ft): 1320.00
         Group: LU                    To Node: NU-20                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.180                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RU-30B              From Node: NI-30W             Length(ft): 4700.00
         Group: U03                   To Node: NU-30A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.580         13.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                         Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                             Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------
          Name: RU-40               From Node: NU-40              Length(ft): 1320.00
         Group: LU                    To Node: NU-30                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                             Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                 Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                              Stabilizer Option: None
```

```
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RU-40B              From Node: NI-40W             Length(ft): 4700.00
         Group: U04                   To Node: NU-40A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         13.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------
          Name: RU-50               From Node: NU-50              Length(ft): 1320.00
         Group: LU                    To Node: NU-40                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N:                                                   Expansion Coef: 0.300
  Top Clip(ft):                                              Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                  Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                         Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------
          Name: RU-50B              From Node: NI-50W             Length(ft): 4700.00
         Group: U05                   To Node: NU-50A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         13.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------
          Name: RU-60               From Node: NU-60              Length(ft): 1320.00
         Group: LU                    To Node: NU-50                   Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                 Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------------
          Name: RU-60B              From Node: NI-60W             Length(ft): 4700.00
         Group: U06                   To Node: NU-60A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 12.580         12.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                        Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00


-----------------------------------------------------------------------------------------------------
          Name: RU-70               From Node: NU-70              Length(ft): 1320.00
         Group: LU                    To Node: NU-60                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                 Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):


-----------------------------------------------------------------------------------------------------
          Name: RU-70B              From Node: NI-70W             Length(ft): 4700.00
         Group: U07                   To Node: NU-70A                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 13.580         12.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.050000       0.050000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                        Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 4.000          4.000
  LtSdSlp(h/v): 1.00           1.00
  RtSdSlp(h/v): 1.00           1.00



-----------------------------------------------------------------------------------------------------
          Name: RU-80               From Node: NU-80              Length(ft): 1320.00
         Group: LU                    To Node: NU-70                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------------
          Name: RU-80A              From Node: NU-80A             Length(ft): 300.00
         Group: U08                   To Node: NU-80                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 12.580         11.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N:                                                 Expansion Coef: 0.000
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 1.000
     Main XSec: RU-80A         RU-80A                       Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------------
          Name: RU-90               From Node: NU-90              Length(ft): 1320.00
         Group: LU                    To Node: NU-80                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Irregular      Irregular                  Solution Algorithm: Automatic
    Invert(ft): 7.580          7.580                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.100
   Manning's N:                                                 Expansion Coef: 0.300
  Top Clip(ft):                                            Entrance Loss Coef: 0.000
  Bot Clip(ft):                                                Exit Loss Coef: 0.000
     Main XSec: RU20'          RU20'                        Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft): 0.000          0.000                         Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft): 0.000          0.000
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft):
  LtSdSlp(h/v):
  RtSdSlp(h/v):



-----------------------------------------------------------------------------------------------------
          Name: RU09A01             From Node: NU09A01            Length(ft): 67.00
         Group: U09                   To Node: NU-90                   Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 10.880         10.580                                Flow: Both
 TClpInitZ(ft): 99999.000      9999.000                    Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 1.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU09A05             From Node: NU09A05            Length(ft): 71.00
         Group: U09                   To Node: NU09A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.990         11.210                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU09A09             From Node: NU09A09            Length(ft): 713.00
         Group: U09                   To Node: NU09A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.210         12.990                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU09A13             From Node: NU09A13            Length(ft): 880.00
         Group: U09                   To Node: NU09A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.480         13.210                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RU09B01             From Node: NU09B01            Length(ft): 880.00
         Group: U09                   To Node: NU09A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.750         13.480                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU09B05             From Node: NU09B05            Length(ft): 880.00
         Group: U09                   To Node: NU09B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.020         13.750                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU09B10             From Node: NU09B10            Length(ft): 880.00
         Group: U09                   To Node: NU09B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.290         14.020                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU09C01             From Node: NU09C01            Length(ft): 880.00
         Group: U09                   To Node: NU09B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.560         14.290                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU09C05             From Node: NU09C05            Length(ft): 880.00
         Group: U09                   To Node: NU09C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.830         14.560                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU09C09             From Node: NU09C09            Length(ft): 639.00
         Group: U09                   To Node: NU09D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.720         14.830                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU09D01             From Node: NU09D01            Length(ft): 1093.00
         Group: U09                   To Node: NU09C11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.450         15.070                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU09D05             From Node: NU09D05            Length(ft): 746.00
```

```
         Group: U09                   To Node: NU09D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.780         16.450                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU10A01             From Node: NU10A01            Length(ft): 66.00
         Group: U10                   To Node: NU-100                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 10.710         10.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU10A05             From Node: NU10A05            Length(ft): 108.00
         Group: U10                   To Node: NU10A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 11.930         11.190                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU10A09             From Node: NU10A09            Length(ft): 675.00
         Group: U10                   To Node: NU10A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 11.980         11.930                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU10A13             From Node: NU10A13            Length(ft): 880.00
         Group: U10                   To Node: NU10A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.050         11.980                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU10B01             From Node: NU10B01            Length(ft): 880.00
         Group: U10                   To Node: NU10A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.120         12.050                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU10B05             From Node: NU10B05            Length(ft): 880.00
         Group: U10                   To Node: NU10B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.190         12.120                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU10B10             From Node: NU10B10            Length(ft): 880.00
         Group: U10                   To Node: NU10B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 12.510         12.190                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU10C01             From Node: NU10C01            Length(ft): 880.00
         Group: U10                   To Node: NU10B10                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 13.520         12.510                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU10C05             From Node: NU10C05            Length(ft): 880.00
         Group: U10                   To Node: NU10C01                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 14.530         13.520                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU10C10             From Node: NU10C10            Length(ft): 880.00
         Group: U10                   To Node: NU10C05                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
    Invert(ft): 15.550         14.530                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50          1.50



-----------------------------------------------------------------------------------------------
          Name: RU10D01             From Node: NU10D01            Length(ft): 880.00
         Group: U10                   To Node: NU10C10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.560         15.550                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU10D05             From Node: NU10D05            Length(ft): 720.00
         Group: U10                   To Node: NU10D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.180         16.560                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU11A01             From Node: NU11A01            Length(ft): 70.00
         Group: U11                   To Node: NU-110                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 10.890         10.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU11A07             From Node: NU11A07            Length(ft): 780.00
         Group: U11                   To Node: NU11A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 11.750         11.290                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU11A13             From Node: NU11A13            Length(ft): 880.00
         Group: U11                   To Node: NU11A07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.230         11.750                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU11B01             From Node: NU11B01            Length(ft): 880.00
         Group: U11                   To Node: NU11A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.700         12.230                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU11B05             From Node: NU11B05            Length(ft): 880.00
         Group: U11                   To Node: NU11B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.180         12.700                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RU11B10             From Node: NU11B10            Length(ft): 880.00
         Group: U11                   To Node: NU11B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.850         13.180                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU11C01             From Node: NU11C01            Length(ft): 1004.00
         Group: U11                   To Node: NU11B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.350         13.850                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU11C07             From Node: NU11C07            Length(ft): 725.00
         Group: U11                   To Node: NU11C03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.810         16.170                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU11C13             From Node: NU11C13            Length(ft): 880.00
         Group: U11                   To Node: NU11C07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.380         15.810                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU11D01             From Node: NU11D01            Length(ft): 880.00
         Group: U11                   To Node: NU11C13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.990         15.380                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU11D05             From Node: NU11D05            Length(ft): 741.00
         Group: U11                   To Node: NU11D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.780         14.990                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU12A01             From Node: NU12A01            Length(ft): 61.00
         Group: U12                   To Node: NU-120                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.430         12.360                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU12A05             From Node: NU12A05            Length(ft): 123.00
         Group: U12                   To Node: NU12A03                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.360         14.070                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU12A09             From Node: NU12A09            Length(ft): 657.00
         Group: U12                   To Node: NU12A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.670         12.360                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU12A13             From Node: NU12A13            Length(ft): 880.00
         Group: U12                   To Node: NU12A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.080         12.670                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU12B01             From Node: NU12B01            Length(ft): 880.00
         Group: U12                   To Node: NU12A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.490         13.080                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU12B05             From Node: NU12B05            Length(ft): 880.00
         Group: U12                   To Node: NU12B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.910         13.490                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU12B10             From Node: NU12B10            Length(ft): 880.00
         Group: U12                   To Node: NU12B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.630         13.910                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU12C01             From Node: NU12C01            Length(ft): 1060.00
         Group: U12                   To Node: NU12B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.080         14.630                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU12C05             From Node: NU12C05            Length(ft): 32.00
         Group: U12                   To Node: NU12C03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.090         15.980                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU12C09             From Node: NU12C09            Length(ft): 439.00
         Group: U12                   To Node: NU12C07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.920         16.300                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU12C13             From Node: NU12C13            Length(ft): 390.00
         Group: U12                   To Node: NU12C11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.700         16.560                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU12C17             From Node: NU12C17            Length(ft): 206.00
         Group: U12                   To Node: NU12C15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.730         16.290                                 Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RU12C21             From Node: NU12C21            Length(ft): 357.00
         Group: U12                   To Node: NU12C19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.350         16.970                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU12C25             From Node: NU12C25            Length(ft): 328.00
         Group: U12                   To Node: NU12C23                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.000         15.490                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU12C29             From Node: NU12C29            Length(ft): 219.00
         Group: U12                   To Node: NU12C27                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.710         17.160                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU12D01             From Node: NU12D01            Length(ft): 391.00
         Group: U12                   To Node: NU12C31                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.860         16.690                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU12D10             From Node: NU12D10            Length(ft): 581.00
         Group: U12                   To Node: NU12D05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.580         17.620                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU13A01             From Node: NU13A01            Length(ft): 60.00
         Group: U13                   To Node: NU-130                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 10.710         10.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU13A05             From Node: NU13A05            Length(ft): 340.00
         Group: U13                   To Node: NU13A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 10.040         11.340                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU13A09             From Node: NU13A09            Length(ft): 443.00
```

```
         Group: U13                   To Node: NU13A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 10.800         10.040                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU13A13             From Node: NU13A13            Length(ft): 880.00
         Group: U13                   To Node: NU13A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.310         10.800                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU13A17             From Node: NU13A17            Length(ft): 611.00
         Group: U13                   To Node: NU13A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.360         12.310                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU13B01             From Node: NU13B01            Length(ft): 421.00
         Group: U13                   To Node: NU13A19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.040         13.130                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU13B07             From Node: NU13B07            Length(ft): 655.00
         Group: U13                   To Node: NU13B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 11.870         12.760                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU13B09             From Node: NU13B09            Length(ft): 484.00
         Group: U13                   To Node: NU13B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 11.220         11.870                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU13B11             From Node: NU13B11            Length(ft): 396.00
         Group: U13                   To Node: NU13B09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 11.670         11.220                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU13C01             From Node: NU13C01            Length(ft): 880.00
         Group: U13                   To Node: NU13B11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 12.680         11.670                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU13C05             From Node: NU13C05            Length(ft): 880.00
         Group: U13                   To Node: NU13C01                 Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 13.680         12.680                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU13C10             From Node: NU13C10            Length(ft): 880.00
         Group: U13                   To Node: NU13C05                 Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 14.690         13.680                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU13D01             From Node: NU13D01            Length(ft): 731.00
         Group: U13                   To Node: NU13C10                 Count: 1

                UPSTREAM       DOWNSTREAM                   Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                 Solution Algorithm: Automatic
    Invert(ft): 18.490         14.690                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU14A03             From Node: NU14A03            Length(ft): 398.00
         Group: U14                   To Node: NU-140                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.190         12.310                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU14A09             From Node: NU14A09            Length(ft): 453.00
         Group: U14                   To Node: NU14A05                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.310         13.870                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU14A13             From Node: NU14A13            Length(ft): 880.00
         Group: U14                   To Node: NU14A09                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.850         12.310                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU14B01             From Node: NU14B01            Length(ft): 1071.00
         Group: U14                   To Node: NU14A13                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.510         12.850                                   Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU14B07             From Node: NU14B07            Length(ft): 668.00
         Group: U14                   To Node: NU14B03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.750         13.910                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU14B13             From Node: NU14B13            Length(ft): 880.00
         Group: U14                   To Node: NU14B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.510         13.750                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU14B15             From Node: NU14B15            Length(ft): 497.00
         Group: U14                   To Node: NU14B13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.560         13.510                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RU14C01             From Node: NU14C01            Length(ft): 536.00
         Group: U14                   To Node: NU14B17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.060         15.340                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU14C05             From Node: NU14C05            Length(ft): 374.00
         Group: U14                   To Node: NU14C03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.980         16.130                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU14C09             From Node: NU14C09            Length(ft): 240.00
         Group: U14                   To Node: NU14C07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.400         15.900                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU14C15             From Node: NU14C15            Length(ft): 735.00
         Group: U14                   To Node: NU14C11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.740         16.090                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU14C19             From Node: NU14C19            Length(ft): 439.00
         Group: U14                   To Node: NU14C17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.530         15.910                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU14D01             From Node: NU14D01            Length(ft): 652.00
         Group: U14                   To Node: NU14C21                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.810         15.950                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU14D07             From Node: NU14D07            Length(ft): 639.00
         Group: U14                   To Node: NU14D03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.780         17.290                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                                Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                 Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU15A01             From Node: NU15A01            Length(ft): 83.00
         Group: U15                   To Node: NU-150                  Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.600         12.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU15A07             From Node: NU15A07            Length(ft): 751.00
         Group: U15                   To Node: NU15A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.080         13.780                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU15A13             From Node: NU15A13            Length(ft): 880.00
         Group: U15                   To Node: NU15A07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.440         13.080                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU15A17             From Node: NU15A17            Length(ft): 515.00
         Group: U15                   To Node: NU15A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.650         13.440                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU15B01             From Node: NU15B01            Length(ft): 315.00
         Group: U15                   To Node: NU15A19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.830         13.620                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU15B05             From Node: NU15B05            Length(ft): 562.00
         Group: U15                   To Node: NU15B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.200         13.830                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU15B09             From Node: NU15B09            Length(ft): 369.00
         Group: U15                   To Node: NU15B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.580         14.090                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU15B13             From Node: NU15B13            Length(ft): 467.00
         Group: U15                   To Node: NU15B11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.680         14.520                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU15B17             From Node: NU15B17            Length(ft): 280.00
         Group: U15                   To Node: NU15B15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.820         13.650                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU15C01             From Node: NU15C01            Length(ft): 880.00
         Group: U15                   To Node: NU15B17                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.370         13.820                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU15C05             From Node: NU15C05            Length(ft): 396.00
         Group: U15                   To Node: NU15C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.620         14.370                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RU15C09             From Node: NU15C09            Length(ft): 320.00
         Group: U15                   To Node: NU15C07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.120         14.650                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU15C13             From Node: NU15C13            Length(ft): 261.00
         Group: U15                   To Node: NU15C11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.040         15.110                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU15C19             From Node: NU15C19            Length(ft): 707.00
         Group: U15                   To Node: NU15C15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.110         15.180                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU15C21             From Node: NU15C21            Length(ft): 604.00
         Group: U15                   To Node: NU15C19                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.890         16.110                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                     Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU15D01             From Node: NU15D01            Length(ft): 237.00
         Group: U15                   To Node: NU15C23                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.580         16.830                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU15D05             From Node: NU15D05            Length(ft): 734.00
         Group: U15                   To Node: NU15D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 19.080         17.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU16A01             From Node: NU16A01            Length(ft): 40.00
         Group: U16                   To Node: NU-160                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.200         13.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU16A05             From Node: NU16A05            Length(ft): 387.00
```

```
         Group: U16                   To Node: NU16A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.550         15.200                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU16A07             From Node: NU16A07            Length(ft): 417.00
         Group: U16                   To Node: NU16A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.550         15.200                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU16A11             From Node: NU16A11            Length(ft): 880.00
         Group: U16                   To Node: NU16A07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.300         15.550                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU16A13             From Node: NU16A13            Length(ft): 330.00
         Group: U16                   To Node: NU16A11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.570         16.300                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU16B01             From Node: NU16B01            Length(ft): 511.00
         Group: U16                   To Node: NU16A15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.580         16.330                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU16B05             From Node: NU16B05            Length(ft): 717.00
         Group: U16                   To Node: NU16B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.550         15.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU16B11             From Node: NU16B11            Length(ft): 520.00
         Group: U16                   To Node: NU16B07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.710         14.460                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU16B15             From Node: NU16B15            Length(ft): 477.00
         Group: U16                   To Node: NU16B13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 15.280         15.150                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU16C01             From Node: NU16C01            Length(ft): 902.00
         Group: U16                   To Node: NU16B17                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.680         15.310                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU16C05             From Node: NU16C05            Length(ft): 195.00
         Group: U16                   To Node: NU16C03                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.890         14.960                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU16C09             From Node: NU16C09            Length(ft): 477.00
         Group: U16                   To Node: NU16C07                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.790         14.930                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                       Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                           Exit Loss Coef: 0.000
     Main XSec:                                              Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
```

```
  RtSdSlp(h/v): 1.50          1.50



-----------------------------------------------------------------------------------------------
          Name: RU16C15             From Node: NU16C15            Length(ft): 909.00
         Group: U16                   To Node: NU16C11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.790         15.800                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU16D01             From Node: NU16D01            Length(ft): 748.00
         Group: U16                   To Node: NU16C15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.790         15.790                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU16D05             From Node: NU16D05            Length(ft): 859.00
         Group: U16                   To Node: NU16D03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.650         15.850                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU17A01             From Node: NU17A01            Length(ft): 58.00
         Group: U17                   To Node: NU-170                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.690         12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU17A05             From Node: NU17A05            Length(ft): 111.00
         Group: U17                   To Node: NU17A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.370         13.410                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU17A09             From Node: NU17A09            Length(ft): 681.00
         Group: U17                   To Node: NU17A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.530         14.370                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU17A13             From Node: NU17A13            Length(ft): 880.00
         Group: U17                   To Node: NU17A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.750         14.530                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RU17B01             From Node: NU17B01            Length(ft): 880.00
         Group: U17                   To Node: NU17A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.960         14.750                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU17B05             From Node: NU17B05            Length(ft): 880.00
         Group: U17                   To Node: NU17B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.170         14.960                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU17B10             From Node: NU17B10            Length(ft): 880.00
         Group: U17                   To Node: NU17B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.380         15.170                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU17C01             From Node: NU17C01            Length(ft): 880.00
         Group: U17                   To Node: NU17B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.680         15.380                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU17C05             From Node: NU17C05            Length(ft): 880.00
         Group: U17                   To Node: NU17C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.980         15.680                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU17C10             From Node: NU17C10            Length(ft): 880.00
         Group: U17                   To Node: NU17C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.280         15.980                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU17D01             From Node: NU17D01            Length(ft): 880.00
         Group: U17                   To Node: NU17C10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.560         16.280                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU17D05             From Node: NU17D05            Length(ft): 471.00
         Group: U17                   To Node: NU17D01                 Count: 1
```

```
                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.980         16.560                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU18A01              From Node: NU18A01            Length(ft): 84.00
         Group: U18                    To Node: NU-180                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.230         11.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU18A05              From Node: NU18A05            Length(ft): 213.00
         Group: U18                    To Node: NU18A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.440         11.530                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU18A09              From Node: NU18A09            Length(ft): 553.00
         Group: U18                    To Node: NU18A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.580         14.440                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                               Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
```

```
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU18A13             From Node: NU18A13            Length(ft): 880.00
         Group: U18                   To Node: NU18A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.800         14.580                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU18B01             From Node: NU18B01            Length(ft): 880.00
         Group: U18                   To Node: NU18A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.010         14.800                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU18B05             From Node: NU18B05            Length(ft): 880.00
         Group: U18                   To Node: NU18B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.230         15.010                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU18B10             From Node: NU18B10            Length(ft): 880.00
         Group: U18                   To Node: NU18B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.450         15.230                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
```

```
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU18C01             From Node: NU18C01            Length(ft): 880.00
         Group: U18                   To Node: NU18B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.580         15.450                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU18C05             From Node: NU18C05            Length(ft): 880.00
         Group: U18                   To Node: NU18C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.190         15.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------------
          Name: RU18C10             From Node: NU18C10            Length(ft): 880.00
         Group: U18                   To Node: NU18C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.980         15.190                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RU18C13             From Node: NU18C13            Length(ft): 299.00
         Group: U18                   To Node: NU18C10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.080         14.980                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU18D01             From Node: NU18D01            Length(ft): 470.00
         Group: U18                   To Node: NU18C15                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.600         14.780                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU18D05             From Node: NU18D05            Length(ft): 737.00
         Group: U18                   To Node: NU18D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.850         16.600                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU19A01             From Node: NU19A01            Length(ft): 95.00
         Group: U19                   To Node: NU-190                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 12.090         11.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                    Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 1.000
     Main XSec:                                            Outlet Ctrl Spec: Use dc or tw
```

```
  AuxElev1(ft):                                          Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU19A05             From Node: NU19A05            Length(ft): 136.00
         Group: U19                   To Node: NU19A03                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.580         11.980                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU19A09             From Node: NU19A09            Length(ft): 610.00
         Group: U19                   To Node: NU19A05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.750         13.580                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU19A13             From Node: NU19A13            Length(ft): 880.00
         Group: U19                   To Node: NU19A09                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.990         13.750                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                             Inlet Ctrl Spec: Use dn
     Aux XSec1:                                        Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU19B01             From Node: NU19B01            Length(ft): 880.00
```

```
         Group: U19                   To Node: NU19A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.240         13.990                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU19B05             From Node: NU19B05            Length(ft): 880.00
         Group: U19                   To Node: NU19B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.480         14.240                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU19B10             From Node: NU19B10            Length(ft): 880.00
         Group: U19                   To Node: NU19B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.730         14.480                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU19C01             From Node: NU19C01            Length(ft): 880.00
         Group: U19                   To Node: NU19B10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.640         14.730                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
```

```
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU19C05             From Node: NU19C05            Length(ft): 718.00
         Group: U19                   To Node: NU19C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.920         15.640                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU19C11             From Node: NU19C11            Length(ft): 948.00
         Group: U19                   To Node: NU19C07                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.100         16.830                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU19D01             From Node: NU19D01            Length(ft): 880.00
         Group: U19                   To Node: NU19C11                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 18.290         17.100                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                             Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------------
          Name: RU19D05             From Node: NU19D05            Length(ft): 723.00
         Group: U19                   To Node: NU19D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
```

```
    Invert(ft): 18.970         18.290                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU20A01             From Node: NU20A01            Length(ft): 97.00
         Group: U20                   To Node: NU-200                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal   Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.100        12.580                                  Flow: Both
 TClpInitZ(ft): 9999.000      9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000      0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000         0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000         0.000                          Exit Loss Coef: 1.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000         8.000
  LtSdSlp(h/v): 1.50          1.50
  RtSdSlp(h/v): 1.50          1.50


-----------------------------------------------------------------------------------------------
          Name: RU20A09             From Node: NU20A09            Length(ft): 764.00
         Group: U20                   To Node: NU20A03                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal   Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 13.380        12.390                                  Flow: Both
 TClpInitZ(ft): 9999.000      9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000      0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000         0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000         0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000         8.000
  LtSdSlp(h/v): 1.50          1.50
  RtSdSlp(h/v): 1.50          1.50


-----------------------------------------------------------------------------------------------
          Name: RU20A13             From Node: NU20A13            Length(ft): 880.00
         Group: U20                   To Node: NU20A09                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal   Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.060        13.380                                  Flow: Both
 TClpInitZ(ft): 9999.000      9999.000                    Contraction Coef: 0.000
   Manning's N: 0.070000      0.070000                      Expansion Coef: 0.000
  Top Clip(ft): 0.000         0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000         0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000         8.000
  LtSdSlp(h/v): 1.50          1.50
```

```
  RtSdSlp(h/v): 1.50          1.50



-----------------------------------------------------------------------------------------------
          Name: RU20B01             From Node: NU20B01            Length(ft): 880.00
         Group: U20                   To Node: NU20A13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.730         14.060                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU20B05             From Node: NU20B05            Length(ft): 880.00
         Group: U20                   To Node: NU20B01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.400         14.730                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU20B11             From Node: NU20B11            Length(ft): 1123.00
         Group: U20                   To Node: NU20B05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.050         15.400                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                           Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50



-----------------------------------------------------------------------------------------------
          Name: RU20C01             From Node: NU20C01            Length(ft): 545.00
         Group: U20                   To Node: NU20B13                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.250         17.080                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
```

```
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU20C05             From Node: NU20C05            Length(ft): 880.00
         Group: U20                   To Node: NU20C01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.360         16.250                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU20C10             From Node: NU20C10            Length(ft): 880.00
         Group: U20                   To Node: NU20C05                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.910         16.360                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU20D01             From Node: NU20D01            Length(ft): 880.00
         Group: U20                   To Node: NU20C10                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.450         16.910                                  Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                       Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                             Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                              Inlet Ctrl Spec: Use dn
     Aux XSec1:                                            Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50
```

```
-----------------------------------------------------------------------------------------------
          Name: RU20D05             From Node: NU20D05            Length(ft): 763.00
         Group: U20                   To Node: NU20D01                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 17.810         17.450                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.000
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.000
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dn
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 6.000          6.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU23FJV1            From Node: NU23FJV1           Length(ft): 150.00
         Group: FJV                   To Node: NU-230                  Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Automatic
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 14.300         14.000                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.300
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dc
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 10.000         10.000
  LtSdSlp(h/v): 1.25           1.25
  RtSdSlp(h/v): 1.25           1.25


-----------------------------------------------------------------------------------------------
          Name: RU23FJV3            From Node: NU23FJV3           Length(ft): 1311.00
         Group: FJV                   To Node: NU23FJV2                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Automatic
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 15.000         14.000                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.300
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dc
     Aux XSec1:                                               Stabilizer Option: None
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 10.000         8.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


-----------------------------------------------------------------------------------------------
          Name: RU23FJV4            From Node: NU23FJV4           Length(ft): 2926.00
         Group: FJV                   To Node: NU23FJV3                 Count: 1

                UPSTREAM       DOWNSTREAM                  Friction Equation: Automatic
      Geometry: Trapezoidal    Trapezoidal                Solution Algorithm: Automatic
    Invert(ft): 16.500         15.000                                Flow: Both
 TClpInitZ(ft): 9999.000       9999.000                     Contraction Coef: 0.100
   Manning's N: 0.070000       0.070000                        Expansion Coef: 0.300
  Top Clip(ft): 0.000          0.000                      Entrance Loss Coef: 0.000
  Bot Clip(ft): 0.000          0.000                          Exit Loss Coef: 0.000
     Main XSec:                                               Outlet Ctrl Spec: Use dc or tw
  AuxElev1(ft):                                                Inlet Ctrl Spec: Use dc
     Aux XSec1:                                               Stabilizer Option: None
```

```
  AuxElev2(ft):
     Aux XSec2:
 Top Width(ft):
     Depth(ft):
 Bot Width(ft): 8.000          10.000
  LtSdSlp(h/v): 1.50           1.50
  RtSdSlp(h/v): 1.50           1.50


==========================================================================================
==== Drop Structures ======================================================================
==========================================================================================

         Name: RI-10W             From Node: NI-10W            Length(ft): 40.00
        Group: I01                  To Node: NI-10                 Count: 1

               UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
     Geometry: Circular       Circular                  Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                     Entrance Loss Coef: 0.500
   Invert(ft): 14.580         14.580                        Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                          Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-10W ***
                                                                                   TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 15.580
               Rise(in): 11988.00               Control Elev(ft): 15.580


-------------------------------------------------------------------------------------------
         Name: RI-20W             From Node: NI-20W            Length(ft): 40.00
        Group: I02                  To Node: NI-22                 Count: 1

               UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
     Geometry: Circular       Circular                  Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                     Entrance Loss Coef: 0.500
   Invert(ft): 14.580         14.580                        Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                          Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-20W ***
                                                                                   TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 15.580
               Rise(in): 11988.00               Control Elev(ft): 15.580


-------------------------------------------------------------------------------------------
         Name: RI-25A             From Node: NI-25A            Length(ft): 40.00
        Group: I25                  To Node: NI-25                 Count: 1

               UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
     Geometry: Circular       Circular                  Solution Algorithm: Automatic
     Span(in): 24.00          24.00                                 Flow: Both
     Rise(in): 24.00          24.00                     Entrance Loss Coef: 0.500
   Invert(ft): 14.580         14.580                        Exit Loss Coef: 0.000
```

```
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                          Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-25A ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 15.580
               Rise(in): 11988.00               Control Elev(ft): 15.580


-----------------------------------------------------------------------------------------------------
         Name: RI-25C              From Node: NI-25C             Length(ft): 40.00
        Group: I25                   To Node: NI-25B                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                  Flow: Both
     Rise(in): 18.00          18.00                      Entrance Loss Coef: 0.500
   Invert(ft): 15.580         15.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-25C ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 16.580
               Rise(in): 11988.00               Control Elev(ft): 16.580


-----------------------------------------------------------------------------------------------------
         Name: RI-30W              From Node: NI-30W             Length(ft): 40.00
        Group: I03                   To Node: NI-30                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                  Flow: Both
     Rise(in): 18.00          18.00                      Entrance Loss Coef: 0.500
   Invert(ft): 13.580         13.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-30W ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 14.580
               Rise(in): 11988.00               Control Elev(ft): 14.580
```

```
-----------------------------------------------------------------------------------------------
         Name: RI-40A              From Node: NI-40A             Length(ft): 40.00
        Group: I04                   To Node: NI-40                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 24.00          24.00                                  Flow: Both
     Rise(in): 24.00          24.00                      Entrance Loss Coef: 0.500
   Invert(ft): 13.580         13.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                            Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-40A ***
                                                                                   TABLE
                  Count: 1                       Bottom Clip(in): 0.000
                   Type: Vertical: Mavis            Top Clip(in): 0.000
                   Flow: Both                     Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                        Invert(ft): 14.580
               Rise(in): 11988.00               Control Elev(ft): 14.580


-----------------------------------------------------------------------------------------------
         Name: RI-40C              From Node: NI-40C             Length(ft): 40.00
        Group: I04                   To Node: NI-40B                 Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                  Flow: Both
     Rise(in): 18.00          18.00                      Entrance Loss Coef: 0.500
   Invert(ft): 15.580         15.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                            Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-40C ***
                                                                                   TABLE
                  Count: 1                       Bottom Clip(in): 0.000
                   Type: Vertical: Mavis            Top Clip(in): 0.000
                   Flow: Both                     Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                        Invert(ft): 16.580
               Rise(in): 11988.00               Control Elev(ft): 16.580


-----------------------------------------------------------------------------------------------
         Name: RI-40W              From Node: NI-40W             Length(ft): 40.00
        Group: I04                   To Node: NI-40                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                  Flow: Both
     Rise(in): 18.00          18.00                      Entrance Loss Coef: 0.500
   Invert(ft): 13.580         13.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                            Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall
```

```
*** Weir 1 of 1 for Drop Structure RI-40W ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                        Invert(ft): 14.580
               Rise(in): 11988.00               Control Elev(ft): 14.580


-----------------------------------------------------------------------------------------------
         Name: RI-50A              From Node: NI-50A             Length(ft): 40.00
        Group: I05                   To Node: NI-50                   Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 24.00          24.00                                 Flow: Both
     Rise(in): 24.00          24.00                      Entrance Loss Coef: 0.500
   Invert(ft): 13.580         13.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-50A ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                        Invert(ft): 14.580
               Rise(in): 11988.00               Control Elev(ft): 14.580


-----------------------------------------------------------------------------------------------
         Name: RI-50C              From Node: NI-50C             Length(ft): 40.00
        Group: I05                   To Node: NI-50B                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                      Entrance Loss Coef: 0.500
   Invert(ft): 15.580         15.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-50C ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                        Invert(ft): 16.580
               Rise(in): 11988.00               Control Elev(ft): 16.580


-----------------------------------------------------------------------------------------------
         Name: RI-50W              From Node: NI-50W             Length(ft): 40.00
        Group: I05                   To Node: NI-50                   Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                      Entrance Loss Coef: 0.500
   Invert(ft): 13.580         13.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
```

```
 Bot Clip(in): 0.000          0.000                          Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-50W ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 14.580
               Rise(in): 11988.00               Control Elev(ft): 14.580


-----------------------------------------------------------------------------------------------
         Name: RI-60A              From Node: NI-60A             Length(ft): 40.00
        Group: I06                   To Node: NI-60                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 24.00          24.00                                  Flow: Both
     Rise(in): 24.00          24.00                      Entrance Loss Coef: 0.500
   Invert(ft): 13.580         13.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-60A ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 14.580
               Rise(in): 11988.00               Control Elev(ft): 14.580


-----------------------------------------------------------------------------------------------
         Name: RI-60C              From Node: NI-60C             Length(ft): 40.00
        Group: I06                   To Node: NI-60B                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                  Flow: Both
     Rise(in): 18.00          18.00                      Entrance Loss Coef: 0.500
   Invert(ft): 15.580         15.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-60C ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 16.580
               Rise(in): 11988.00               Control Elev(ft): 16.580


-----------------------------------------------------------------------------------------------
```

```
         Name: RI-60W             From Node: NI-60W            Length(ft): 40.00
        Group: I06                  To Node: NI-60                 Count: 1

               UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
     Geometry: Circular       Circular                  Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                     Entrance Loss Coef: 0.500
   Invert(ft): 12.580         12.580                        Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                          Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-60W ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 13.580
               Rise(in): 11988.00               Control Elev(ft): 13.580


-------------------------------------------------------------------------------------------------
         Name: RI-70A             From Node: NI-70A            Length(ft): 40.00
        Group: I07                  To Node: NI-70                 Count: 1

               UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
     Geometry: Circular       Circular                  Solution Algorithm: Automatic
     Span(in): 24.00          24.00                                 Flow: Both
     Rise(in): 24.00          24.00                     Entrance Loss Coef: 0.500
   Invert(ft): 13.580         13.580                        Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                          Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-70A ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 14.580
               Rise(in): 11988.00               Control Elev(ft): 14.580


-------------------------------------------------------------------------------------------------
         Name: RI-70C             From Node: NI-70C            Length(ft): 40.00
        Group: I07                  To Node: NI-70B                 Count: 1

               UPSTREAM       DOWNSTREAM                 Friction Equation: Average Conveyance
     Geometry: Circular       Circular                  Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                     Entrance Loss Coef: 0.500
   Invert(ft): 14.580         14.580                        Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                          Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-70C ***
                                                                                    TABLE
```

```
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Vertical: Mavis           Top Clip(in): 0.000
                  Flow: Both                    Weir Disc Coef: 3.200
             Geometry: Rectangular           Orifice Disc Coef: 0.600

             Span(in): 48.00                       Invert(ft): 15.580
             Rise(in): 11988.00               Control Elev(ft): 15.580


-----------------------------------------------------------------------------------------------
         Name: RI-70W              From Node: NI-70W             Length(ft): 40.00
        Group: I07                   To Node: NI-70                  Count: 1

              UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                      Entrance Loss Coef: 0.500
   Invert(ft): 12.580         12.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-70W ***
                                                                                      TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Vertical: Mavis           Top Clip(in): 0.000
                  Flow: Both                    Weir Disc Coef: 3.200
             Geometry: Rectangular           Orifice Disc Coef: 0.600

             Span(in): 48.00                       Invert(ft): 13.580
             Rise(in): 11988.00               Control Elev(ft): 13.580


-----------------------------------------------------------------------------------------------
         Name: RI-75A              From Node: NI-75A             Length(ft): 40.00
        Group: I75                   To Node: NI-80                  Count: 1

              UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 24.00          24.00                                 Flow: Both
     Rise(in): 24.00          24.00                      Entrance Loss Coef: 0.500
   Invert(ft): 12.580         12.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RI-75A ***
                                                                                      TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Vertical: Mavis           Top Clip(in): 0.000
                  Flow: Both                    Weir Disc Coef: 3.200
             Geometry: Rectangular           Orifice Disc Coef: 0.600

             Span(in): 48.00                       Invert(ft): 13.580
             Rise(in): 11988.00               Control Elev(ft): 13.580


-----------------------------------------------------------------------------------------------
         Name: RLAKEOVR            From Node: NLAKE              Length(ft): 50.00
        Group: STATE                 To Node: NS10A                  Count: 1

              UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 30.00          30.00                                 Flow: Both
     Rise(in): 30.00          30.00                      Entrance Loss Coef: 0.250
   Invert(ft): 15.580         18.580                         Exit Loss Coef: 0.000
  Manning's N: 0.022000       0.022000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0
```

```
Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting



*** Weir 1 of 3 for Drop Structure RLAKEOVR ***
                                                                                TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Vertical: Mavis           Top Clip(in): 0.000
                  Flow: Both                    Weir Disc Coef: 3.200
              Geometry: Circular              Orifice Disc Coef: 0.600

              Span(in): 8.00                        Invert(ft): 19.830
              Rise(in): 8.00                  Control Elev(ft): 19.830

*** Weir 2 of 3 for Drop Structure RLAKEOVR ***
                                                                                TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Vertical: Mavis           Top Clip(in): 0.000
                  Flow: Both                    Weir Disc Coef: 3.200
              Geometry: Rectangular           Orifice Disc Coef: 0.600

              Span(in): 36.00                       Invert(ft): 21.330
              Rise(in): 12.00                 Control Elev(ft): 21.330

*** Weir 3 of 3 for Drop Structure RLAKEOVR ***
                                                                                TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Horizontal                Top Clip(in): 0.000
                  Flow: Both                    Weir Disc Coef: 3.200
              Geometry: Rectangular           Orifice Disc Coef: 0.600

              Span(in): 36.00                       Invert(ft): 22.330
              Rise(in): 24.00                 Control Elev(ft): 22.330


-----------------------------------------------------------------------------------------------------
         Name: RP-25A              From Node: NP-25A             Length(ft): 40.00
        Group: P25                   To Node: NP-25                  Count: 1

              UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                  Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                     Entrance Loss Coef: 0.500
   Invert(ft): 17.580         17.580                        Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                          Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RP-25A ***
                                                                                TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Vertical: Mavis           Top Clip(in): 0.000
                  Flow: Both                    Weir Disc Coef: 3.200
              Geometry: Rectangular           Orifice Disc Coef: 0.600

              Span(in): 48.00                       Invert(ft): 18.580
              Rise(in): 11988.00              Control Elev(ft): 18.580


-----------------------------------------------------------------------------------------------------
         Name: RP-35A              From Node: NP-35A             Length(ft): 40.00
        Group: P35                   To Node: NP-35                  Count: 1

              UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                  Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                     Entrance Loss Coef: 0.500
   Invert(ft): 17.580         17.580                        Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                          Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall
```

```
Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RP-35A ***
                                                                                                TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 18.580
               Rise(in): 11988.00               Control Elev(ft): 18.580


-----------------------------------------------------------------------------------------------
         Name: RP-45A              From Node: NP-45A             Length(ft): 40.00
        Group: p45                   To Node: NP-45                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                      Entrance Loss Coef: 0.500
   Invert(ft): 16.580         16.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RP-45A ***
                                                                                                TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 17.580
               Rise(in): 11988.00               Control Elev(ft): 17.580


-----------------------------------------------------------------------------------------------
         Name: RP-55A              From Node: NP-55A             Length(ft): 40.00
        Group: p55                   To Node: NP-55                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                      Entrance Loss Coef: 0.500
   Invert(ft): 16.580         16.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RP-55A ***
                                                                                                TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 17.580
               Rise(in): 11988.00               Control Elev(ft): 17.580


-----------------------------------------------------------------------------------------------
         Name: RS6NCULA            From Node: NS6N               Length(ft): 14.00
        Group: STATE                 To Node: NS6                    Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
```

```
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 15.00          15.00                                  Flow: Both
     Rise(in): 15.00          15.00                      Entrance Loss Coef: 0.400
   Invert(ft): 21.080         20.980                         Exit Loss Coef: 0.000
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



*** Weir 1 of 2 for Drop Structure RS6NCULA ***
                                                                                    TABLE
                   Count: 1                       Bottom Clip(in): 0.000
                    Type: Vertical: Mavis            Top Clip(in): 0.000
                    Flow: Both                     Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 12.00                        Invert(ft): 22.580
               Rise(in): 6.00                   Control Elev(ft): 22.580

*** Weir 2 of 2 for Drop Structure RS6NCULA ***
                                                                                    TABLE
                   Count: 1                       Bottom Clip(in): 0.000
                    Type: Horizontal                 Top Clip(in): 0.000
                    Flow: Both                     Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 120.00                       Invert(ft): 23.080
               Rise(in): 99.00                  Control Elev(ft): 23.080


-----------------------------------------------------------------------------------------------------
         Name: RU-10A              From Node: NU-10A             Length(ft): 40.00
        Group: U01                   To Node: NU-10                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 24.00          24.00                                  Flow: Both
     Rise(in): 24.00          24.00                      Entrance Loss Coef: 0.500
   Invert(ft): 14.580         14.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RU-10A ***
                                                                                    TABLE
                   Count: 1                       Bottom Clip(in): 0.000
                    Type: Vertical: Mavis            Top Clip(in): 0.000
                    Flow: Both                     Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                        Invert(ft): 15.580
               Rise(in): 11988.00               Control Elev(ft): 15.580


-----------------------------------------------------------------------------------------------------
         Name: RU-20A              From Node: NU-20A             Length(ft): 40.00
        Group: U02                   To Node: NU-20                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 24.00          24.00                                  Flow: Both
     Rise(in): 24.00          24.00                      Entrance Loss Coef: 0.500
   Invert(ft): 14.580         14.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
```

```
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RU-20A ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 15.580
               Rise(in): 11988.00               Control Elev(ft): 15.580


-----------------------------------------------------------------------------------------------
         Name: RU-30A              From Node: NU-30A             Length(ft): 40.00
        Group: U03                   To Node: NU-30                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 24.00          24.00                                 Flow: Both
     Rise(in): 24.00          24.00                      Entrance Loss Coef: 0.500
   Invert(ft): 13.580         13.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RU-30A ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 14.580
               Rise(in): 11988.00               Control Elev(ft): 14.580


-----------------------------------------------------------------------------------------------
         Name: RU-40A              From Node: NU-40A             Length(ft): 40.00
        Group: U04                   To Node: NU-40                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 24.00          24.00                                 Flow: Both
     Rise(in): 24.00          24.00                      Entrance Loss Coef: 0.500
   Invert(ft): 13.580         13.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RU-40A ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 48.00                       Invert(ft): 14.580
               Rise(in): 11988.00               Control Elev(ft): 14.580


-----------------------------------------------------------------------------------------------
         Name: RU-70A              From Node: NU-70A             Length(ft): 40.00
        Group: U07                   To Node: NU-70                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Average Conveyance
     Geometry: Circular       Circular                   Solution Algorithm: Automatic
     Span(in): 24.00          24.00                                 Flow: Both
```

```
     Rise(in): 24.00          24.00                      Entrance Loss Coef: 0.500
   Invert(ft): 12.580         12.580                         Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dn
 Bot Clip(in): 0.000          0.000                           Solution Incs: 0

Upstream FHWA Inlet Edge Description:
Circular CMP: Headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Headwall



*** Weir 1 of 1 for Drop Structure RU-70A ***
                                                                                          TABLE
                  Count: 1                       Bottom Clip(in): 0.000
                   Type: Vertical: Mavis            Top Clip(in): 0.000
                   Flow: Both                     Weir Disc Coef: 3.200
               Geometry: Rectangular            Orifice Disc Coef: 0.600

               Span(in): 48.00                        Invert(ft): 13.580
               Rise(in): 11988.00               Control Elev(ft): 13.580


-------------------------------------------------------------------------------------------------
         Name: RU-FJV-CTRL         From Node: NU-FJV-BWPOND1     Length(ft): 100.00
        Group: FJV                   To Node: NU-235                  Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Automatic
     Geometry: Circular       Circular                   Solution Algorithm: Most Restrictive
     Span(in): 18.00          18.00                                 Flow: Both
     Rise(in): 18.00          18.00                      Entrance Loss Coef: 0.000
   Invert(ft): 16.000         15.500                         Exit Loss Coef: 0.000
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                           Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting



*** Weir 1 of 3 for Drop Structure RU-FJV-CTRL ***
                                                                                          TABLE
                  Count: 1                       Bottom Clip(in): 0.000
                   Type: Horizontal                 Top Clip(in): 0.000
                   Flow: Both                     Weir Disc Coef: 3.200
               Geometry: Rectangular            Orifice Disc Coef: 0.600

               Span(in): 24.00                        Invert(ft): 21.500
               Rise(in): 37.00                  Control Elev(ft): 21.500

*** Weir 2 of 3 for Drop Structure RU-FJV-CTRL ***
                                                                                          TABLE
                  Count: 1                       Bottom Clip(in): 0.000
                   Type: Vertical: Mavis            Top Clip(in): 0.000
                   Flow: Both                     Weir Disc Coef: 3.200
               Geometry: Circular               Orifice Disc Coef: 0.600

               Span(in): 5.50                         Invert(ft): 17.000
               Rise(in): 5.50                   Control Elev(ft): 17.500

*** Weir 3 of 3 for Drop Structure RU-FJV-CTRL ***
                                                                                          TABLE
                  Count: 1                       Bottom Clip(in): 0.000
                   Type: Vertical: Mavis            Top Clip(in): 0.000
                   Flow: Both                     Weir Disc Coef: 3.200
               Geometry: Rectangular            Orifice Disc Coef: 0.600

               Span(in): 24.00                        Invert(ft): 20.750
               Rise(in): 9.00                   Control Elev(ft): 20.750


-------------------------------------------------------------------------------------------------
         Name: RU-FJV-FOADRYA      From Node: NU-FJV-FOADRYA     Length(ft): 52.00
        Group: FJV                   To Node: NU-FJV-FOAWETA          Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Automatic
     Geometry: Circular       Circular                   Solution Algorithm: Most Restrictive
     Span(in): 30.00          30.00                                 Flow: Both
     Rise(in): 30.00          30.00                      Entrance Loss Coef: 0.200
   Invert(ft): 16.000         13.500                         Exit Loss Coef: 1.000
```

```
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                          Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting



*** Weir 1 of 2 for Drop Structure RU-FJV-FOADRYA ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Horizontal                Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 36.00                       Invert(ft): 19.430
               Rise(in): 52.00                  Control Elev(ft): 19.430

*** Weir 2 of 2 for Drop Structure RU-FJV-FOADRYA ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Circular              Orifice Disc Coef: 0.600

               Span(in): 3.00                        Invert(ft): 18.300
               Rise(in): 3.00                   Control Elev(ft): 18.300


-----------------------------------------------------------------------------------------------------
         Name: RU-FJV-FOADRYB1     From Node: NU-FJV-FOADRYB     Length(ft): 50.00
        Group: FJV                   To Node: NU-FJV-FOAWETB          Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Automatic
     Geometry: Circular       Circular                   Solution Algorithm: Most Restrictive
     Span(in): 30.00          30.00                                  Flow: Both
     Rise(in): 30.00          30.00                      Entrance Loss Coef: 0.200
   Invert(ft): 16.000         13.500                         Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                           Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular Concrete: Groove end projecting

Downstream FHWA Inlet Edge Description:
Circular Concrete: Groove end projecting



*** Weir 1 of 2 for Drop Structure RU-FJV-FOADRYB1 ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Horizontal                Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 36.00                       Invert(ft): 19.440
               Rise(in): 52.00                  Control Elev(ft): 19.440

*** Weir 2 of 2 for Drop Structure RU-FJV-FOADRYB1 ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Circular              Orifice Disc Coef: 0.600

               Span(in): 3.00                        Invert(ft): 18.300
               Rise(in): 3.00                   Control Elev(ft): 18.300


-----------------------------------------------------------------------------------------------------
         Name: RU-FJV-FOADRYB2     From Node: NU-FJV-FOADRYB     Length(ft): 68.00
        Group: FJV                   To Node: NU-FJV-FOAWETB          Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Automatic
     Geometry: Circular       Circular                   Solution Algorithm: Most Restrictive
     Span(in): 30.00          30.00                                  Flow: Both
     Rise(in): 30.00          30.00                      Entrance Loss Coef: 0.200
   Invert(ft): 16.000         13.500                         Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dc
```

```
 Bot Clip(in): 0.000          0.000                          Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular Concrete: Groove end projecting

Downstream FHWA Inlet Edge Description:
Circular Concrete: Groove end projecting



*** Weir 1 of 2 for Drop Structure RU-FJV-FOADRYB2 ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Horizontal                Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 36.00                       Invert(ft): 19.440
               Rise(in): 52.00                  Control Elev(ft): 19.440

*** Weir 2 of 2 for Drop Structure RU-FJV-FOADRYB2 ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Circular              Orifice Disc Coef: 0.600

               Span(in): 3.00                        Invert(ft): 18.300
               Rise(in): 3.00                   Control Elev(ft): 18.300


-----------------------------------------------------------------------------------------------------
         Name: RU-FJV-FOAWETA      From Node: NU-FJV-FOAWETA     Length(ft): 140.00
        Group: FJV                   To Node: NU23FJV3                Count: 1

               UPSTREAM       DOWNSTREAM                  Friction Equation: Automatic
     Geometry: Circular       Circular                   Solution Algorithm: Most Restrictive
     Span(in): 24.00          24.00                                  Flow: Both
     Rise(in): 24.00          24.00                      Entrance Loss Coef: 0.200
   Invert(ft): 16.100         15.900                         Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                           Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular Concrete: Groove end projecting

Downstream FHWA Inlet Edge Description:
Circular Concrete: Groove end projecting



*** Weir 1 of 4 for Drop Structure RU-FJV-FOAWETA ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Circular              Orifice Disc Coef: 0.600

               Span(in): 8.00                        Invert(ft): 18.300
               Rise(in): 8.00                   Control Elev(ft): 18.300

*** Weir 2 of 4 for Drop Structure RU-FJV-FOAWETA ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 3.00                        Invert(ft): 19.730
               Rise(in): 999.00                 Control Elev(ft): 19.730

*** Weir 3 of 4 for Drop Structure RU-FJV-FOAWETA ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Horizontal                Top Clip(in): 0.000
                   Flow: Both                    Weir Disc Coef: 3.200
               Geometry: Rectangular           Orifice Disc Coef: 0.600

               Span(in): 36.00                       Invert(ft): 21.000
               Rise(in): 52.00                  Control Elev(ft): 21.000

*** Weir 4 of 4 for Drop Structure RU-FJV-FOAWETA ***
                                                                                    TABLE
                  Count: 1                      Bottom Clip(in): 0.000
                   Type: Vertical: Mavis           Top Clip(in): 0.000
```

```
                 Flow: Both                    Weir Disc Coef: 3.200
            Geometry: Rectangular          Orifice Disc Coef: 0.600

            Span(in): 52.00                      Invert(ft): 20.600
            Rise(in): 9999.00               Control Elev(ft): 20.600


-----------------------------------------------------------------------------------------------
         Name: RU-FJV-FOAWETB      From Node: NU-FJV-FOAWETB     Length(ft): 234.00
        Group: FJV                   To Node: NU23FJV4                Count: 1

              UPSTREAM       DOWNSTREAM                 Friction Equation: Automatic
     Geometry: Circular       Circular                  Solution Algorithm: Most Restrictive
     Span(in): 36.00          36.00                                Flow: Both
     Rise(in): 36.00          36.00                     Entrance Loss Coef: 0.200
   Invert(ft): 17.800         17.500                        Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                          Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular Concrete: Groove end projecting

Downstream FHWA Inlet Edge Description:
Circular Concrete: Groove end projecting



*** Weir 1 of 3 for Drop Structure RU-FJV-FOAWETB ***
                                                                                      TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Vertical: Mavis           Top Clip(in): 0.000
                  Flow: Both                    Weir Disc Coef: 3.200
            Geometry: Circular             Orifice Disc Coef: 0.600

            Span(in): 11.00                      Invert(ft): 18.300
            Rise(in): 11.00                 Control Elev(ft): 18.300

*** Weir 2 of 3 for Drop Structure RU-FJV-FOAWETB ***
                                                                                      TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Vertical: Mavis           Top Clip(in): 0.000
                  Flow: Both                    Weir Disc Coef: 3.200
            Geometry: Rectangular          Orifice Disc Coef: 0.600

            Span(in): 48.00                      Invert(ft): 20.940
            Rise(in): 999.00                Control Elev(ft): 20.940

*** Weir 3 of 3 for Drop Structure RU-FJV-FOAWETB ***
                                                                                      TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Horizontal                Top Clip(in): 0.000
                  Flow: Both                    Weir Disc Coef: 3.200
            Geometry: Rectangular          Orifice Disc Coef: 0.600

            Span(in): 36.00                      Invert(ft): 21.500
            Rise(in): 52.00                 Control Elev(ft): 21.500


-----------------------------------------------------------------------------------------------
         Name: RU-FJV-POP          From Node: NU-FJV-BWSWALE     Length(ft): 50.00
        Group: FJV                   To Node: NU-FJV-BWPOND1          Count: 1

              UPSTREAM       DOWNSTREAM                 Friction Equation: Automatic
     Geometry: Circular       Circular                  Solution Algorithm: Most Restrictive
     Span(in): 18.00          18.00                                Flow: Both
     Rise(in): 18.00          18.00                     Entrance Loss Coef: 0.000
   Invert(ft): 19.000         15.000                        Exit Loss Coef: 0.000
  Manning's N: 0.024000       0.024000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                          Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



*** Weir 1 of 1 for Drop Structure RU-FJV-POP ***
                                                                                      TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Horizontal                Top Clip(in): 0.000
                  Flow: Both                    Weir Disc Coef: 3.200
            Geometry: Rectangular          Orifice Disc Coef: 0.600
```

```
               Span(in): 24.00                       Invert(ft): 21.250
               Rise(in): 37.00                  Control Elev(ft): 21.250


==========================================================================================
==== Weirs ===============================================================================
==========================================================================================

         Name: RF-10               From Node: NF-20
        Group: FMAIN                 To Node: NF-10
         Flow: Both                    Count: 1
         Type: Vertical: Mavis      Geometry: Rectangular

                    Span(in): 708.00
                    Rise(in): 11988.00
                 Invert(ft): 0.830
       Control Elevation(ft): 0.830
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------
         Name: RI-21               From Node: NI-21
        Group: LI                    To Node: NI-20
         Flow: Both                    Count: 1
         Type: Vertical: Mavis      Geometry: Rectangular

                    Span(in): 240.00
                    Rise(in): 11988.00
                 Invert(ft): 13.580
       Control Elevation(ft): 13.580
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600

INTERNAL DITCH MAIN WEIR

-----------------------------------------------------------------------------------------------
         Name: RLDIVW              From Node: NLDIV
        Group: LINCOLN               To Node: NLDIVOVR
         Flow: Both                    Count: 1
         Type: Vertical: Mavis      Geometry: Rectangular

                    Span(in): 24.00
                    Rise(in): 15.00
                 Invert(ft): 21.330
       Control Elevation(ft): 21.330
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------
         Name: RLDIVWA             From Node: NLDIV
        Group: LINCOLN               To Node: NLDIVOVR
         Flow: Both                    Count: 1
         Type: Horizontal           Geometry: Rectangular

                    Span(in): 24.00
                    Rise(in): 18.00
                 Invert(ft): 22.610
       Control Elevation(ft): 22.610
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------
         Name: ROADI-05            From Node: NI-05
        Group: LI                    To Node: NF-85
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular
```

```
                    Span(in): 360.00
                    Rise(in): 11988.00
                  Invert(ft): 24.580
       Control Elevation(ft): 24.580
                                                TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600

INTERNAL LATERAL OUTFALL

-----------------------------------------------------------------------------------------------
         Name: ROADI-20A           From Node: NI-20A
        Group: I02                   To Node: NI-20
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                  Invert(ft): 24.580
       Control Elevation(ft): 24.580
                                                TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------
         Name: ROADI-25            From Node: NI-25
        Group: LI                    To Node: NI-24
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                  Invert(ft): 23.580
       Control Elevation(ft): 23.580
                                                TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------
         Name: ROADI-50            From Node: NI-50
        Group: LI                    To Node: NI-49
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                  Invert(ft): 23.580
       Control Elevation(ft): 23.580
                                                TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------
         Name: ROADP-10A           From Node: NP01A05
        Group: P01                   To Node: NP-10
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                  Invert(ft): 23.680
       Control Elevation(ft): 23.680
                                                TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------
         Name: ROADP-10W           From Node: NP-10W
```

```
        Group: P01                   To Node: NP-10
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                 Invert(ft): 23.880
       Control Elevation(ft): 23.880
                                         TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------------
         Name: ROADP-30A           From Node: NP03A05
        Group: P03                   To Node: NP-30
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                 Invert(ft): 24.480
       Control Elevation(ft): 24.480
                                         TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------------
         Name: ROADP-30W           From Node: NP-30W
        Group: P03                   To Node: NP-30
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 600.00
                    Rise(in): 11988.00
                 Invert(ft): 28.580
       Control Elevation(ft): 28.580
                                         TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------------
         Name: ROADP-40A           From Node: NP04A01
        Group: P04                   To Node: NP-40
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                 Invert(ft): 22.980
       Control Elevation(ft): 22.980
                                         TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------------
         Name: ROADP-50A           From Node: NP05A03
        Group: P05                   To Node: NP-50
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                 Invert(ft): 22.180
       Control Elevation(ft): 22.180
                                         TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600
```

```
-----------------------------------------------------------------------------------------------
         Name: ROADP-80W           From Node: NP-80W
        Group: P08                   To Node: NP-80
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                  Invert(ft): 22.480
       Control Elevation(ft): 22.480
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600


-----------------------------------------------------------------------------------------------
         Name: ROADP205            From Node: NP02A05
        Group: P02                   To Node: NP-20
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                  Invert(ft): 23.780
       Control Elevation(ft): 23.780
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600


-----------------------------------------------------------------------------------------------
         Name: ROADU-50A           From Node: NU-50A
        Group: U05                   To Node: NU-50
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                  Invert(ft): 20.780
       Control Elevation(ft): 20.780
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600


-----------------------------------------------------------------------------------------------
         Name: ROADU-60A           From Node: NU-60A
        Group: U06                   To Node: NU-60
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Rectangular

                    Span(in): 360.00
                    Rise(in): 11988.00
                  Invert(ft): 20.180
       Control Elevation(ft): 20.180
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 2.800
      Orifice Discharge Coef: 0.600


-----------------------------------------------------------------------------------------------
         Name: RSDIVW              From Node: NSDIV
        Group: STATE                 To Node: NSDIVOUT
         Flow: Both                    Count: 1
         Type: Vertical: Mavis      Geometry: Rectangular

                    Span(in): 36.00
                    Rise(in): 15.00
                  Invert(ft): 21.330
       Control Elevation(ft): 21.330
                                          TABLE
             Bottom Clip(in): 0.000
```

```
                Top Clip(in): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-----------------------------------------------------------------------------------------------
         Name: RSDIVWA             From Node: NSDIV
        Group: STATE                 To Node: NSDIVOUT
         Flow: Both                    Count: 1
         Type: Horizontal           Geometry: Rectangular

                    Span(in): 36.00
                    Rise(in): 24.00
                  Invert(ft): 22.580
       Control Elevation(ft): 22.580
                                          TABLE
             Bottom Clip(in): 0.000
                Top Clip(in): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



=================================================================================
==== Rating Curves ==============================================================
=================================================================================

         Name: FJVE-Pump           From Node: NP-FJVE                 Count: 1
        Group: FJV                   To Node: NFJVSDITCH                Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: FJVE-PUMP        16.510          16.500
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: RU-10S              From Node: NU-10S                  Count: 1
        Group: MID LAT SEEPAGE       To Node: NU-10                    Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: RU-10S           0.000           0.000
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: RU-30S              From Node: NU-30S                  Count: 1
        Group: MID LAT SEEPAGE       To Node: NU-30                    Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: RU-30S           0.000           0.000
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: RU-50S              From Node: NU-50S                  Count: 1
        Group: MID LAT SEEPAGE       To Node: NU-50                    Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: RU-50S           0.000           0.000
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: RU-70S              From Node: NU-70S                  Count: 1
        Group: MID LAT SEEPAGE       To Node: NU-70                    Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: RU-70S           0.000           0.000
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000
```

```
-----------------------------------------------------------------------------------------------
         Name: SEEP-P01            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP01B13                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P02            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP02B10                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P03            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP03B10                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P04            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP04B10                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P05            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP05B13                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P06            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP06B10                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P07            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP07B10                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
```

```
         Name: SEEP-P08            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP08B09                 Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P09            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP09B17                 Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P10            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP10B13                 Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P11            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP11B20                 Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P12            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP12C01                 Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P13            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP13BB13                Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P14            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP14B39                 Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P15            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP15B15                 Flow: Both
```

```
              TABLE           ELEV ON(ft)     ELEV OFF(ft)
         #1: P-SEEPAGE        0.000           0.000
         #2:                  0.000           0.000
         #3:                  0.000           0.000
         #4:                  0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P16            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP16C05                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
         #1: P-SEEPAGE        0.000           0.000
         #2:                  0.000           0.000
         #3:                  0.000           0.000
         #4:                  0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P17            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP17B29                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
         #1: P-SEEPAGE        0.000           0.000
         #2:                  0.000           0.000
         #3:                  0.000           0.000
         #4:                  0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P18            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP18C01                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
         #1: P-SEEPAGE        0.000           0.000
         #2:                  0.000           0.000
         #3:                  0.000           0.000
         #4:                  0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P19            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP19C01                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
         #1: P-SEEPAGE        0.000           0.000
         #2:                  0.000           0.000
         #3:                  0.000           0.000
         #4:                  0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P20            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP20B15                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
         #1: P-SEEPAGE        0.000           0.000
         #2:                  0.000           0.000
         #3:                  0.000           0.000
         #4:                  0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P21            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP21C01                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
         #1: P-SEEPAGE        0.000           0.000
         #2:                  0.000           0.000
         #3:                  0.000           0.000
         #4:                  0.000           0.000


-----------------------------------------------------------------------------------------------
         Name: SEEP-P22            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NP22C01                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
```

```
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000



-----------------------------------------------------------------------------------------------
        Name: SEEP-P23            From Node: SEEPAGE                 Count: 1
       Group: MID LAT SEEPAGE       To Node: NP23C01                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: P-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000



-----------------------------------------------------------------------------------------------
        Name: SEEP-P24            From Node: SEEPAGE                 Count: 1
       Group: MID LAT SEEPAGE       To Node: NP24C05                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: 1/2 P-SEEPAGE   0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000



-----------------------------------------------------------------------------------------------
        Name: SEEP-U09            From Node: SEEPAGE                 Count: 1
       Group: MID LAT SEEPAGE       To Node: NU09C01                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: U-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000



-----------------------------------------------------------------------------------------------
        Name: SEEP-U10            From Node: SEEPAGE                 Count: 1
       Group: MID LAT SEEPAGE       To Node: NU10C01                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: U-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000



-----------------------------------------------------------------------------------------------
        Name: SEEP-U11            From Node: SEEPAGE                 Count: 1
       Group: MID LAT SEEPAGE       To Node: NU11C01                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: U-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000



-----------------------------------------------------------------------------------------------
        Name: SEEP-U12            From Node: SEEPAGE                 Count: 1
       Group: MID LAT SEEPAGE       To Node: NU12C01                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: U-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
          #3:                 0.000           0.000
          #4:                 0.000           0.000



-----------------------------------------------------------------------------------------------
        Name: SEEP-U13            From Node: SEEPAGE                 Count: 1
       Group: MID LAT SEEPAGE       To Node: NU13B11                  Flow: Both

              TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: U-SEEPAGE       0.000           0.000
          #2:                 0.000           0.000
```

```
          #3:                 0.000           0.000
          #4:                 0.000           0.000



-----------------------------------------------------------------------------------------------
         Name: SEEP-U14            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NU14B13                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: U-SEEPAGE        0.000           0.000
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000



-----------------------------------------------------------------------------------------------
         Name: SEEP-U15            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NU15B17                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: U-SEEPAGE        0.000           0.000
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000



-----------------------------------------------------------------------------------------------
         Name: SEEP-U16            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NU16B15                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: U-SEEPAGE        0.000           0.000
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000



-----------------------------------------------------------------------------------------------
         Name: SEEP-U17            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NU17B10                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: U-SEEPAGE        0.000           0.000
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000



-----------------------------------------------------------------------------------------------
         Name: SEEP-U18            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NU18B10                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: U-SEEPAGE        0.000           0.000
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000



-----------------------------------------------------------------------------------------------
         Name: SEEP-U19            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NU19B10                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: U-SEEPAGE        0.000           0.000
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000



-----------------------------------------------------------------------------------------------
         Name: SEEP-U20            From Node: SEEPAGE                 Count: 1
        Group: MID LAT SEEPAGE       To Node: NU20B11                  Flow: Both

               TABLE           ELEV ON(ft)     ELEV OFF(ft)
          #1: 1/2 U-SEEPAGE    0.000           0.000
          #2:                  0.000           0.000
          #3:                  0.000           0.000
          #4:                  0.000           0.000
```

```
==========================================================================================
==== Hydrology Simulations ===============================================================
==========================================================================================

         Name: 100yr-96hr
     Filename: R:\WCD Models\FWCD\MODEL\2014 FWCD Update\100yr-96hr.R32

      Override Defaults: Yes
    Storm Duration(hrs): 96.00
          Rainfall File: Sjrwmd96
    Rainfall Amount(in): 15.00

Time(hrs)       Print Inc(min)
--------------- ---------------
96.000          15.00

-----------------------------------------------------------------------------------------------------
         Name: 25Yr-24Hr
     Filename: R:\WCD Models\FWCD\MODEL\2014 FWCD Update\25Yr-24Hr.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Scsii-24
    Rainfall Amount(in): 9.20

Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          15.00

-----------------------------------------------------------------------------------------------------
         Name: FrancesCal-2007
     Filename: R:\WCD Models\FWCD\MODEL\2014 FWCD Update\FrancesCal-2007.R32

      Override Defaults: Yes
    Storm Duration(hrs): 40.00
          Rainfall File: Frances
    Rainfall Amount(in): 9.66

Time(hrs)       Print Inc(min)
--------------- ---------------
72.000          15.00

==========================================================================================
==== Routing Simulations =================================================================
==========================================================================================

         Name: 100yr-96hr          Hydrology Sim: 100yr-96hr
     Filename: R:\WCD Models\FWCD\MODEL\2014 FWCD Update\100yr-96hr.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 0.30                     Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                     End Time(hrs): 96.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 10.0000
        Boundary Stages: 100 Year                 Boundary Flows:



Time(hrs)       Print Inc(min)
--------------- ---------------
96.000          60.000

Group           Run
--------------- -----
BOOKER          Yes
BOUNDARY        Yes
FJV             Yes
FMAIN           Yes
FOA-BW          Yes
I01             Yes
I02             Yes
I03             Yes
I04             Yes
I05             Yes
I06             Yes
I07             Yes
I08             Yes
I25             Yes
I75             Yes
LI              Yes
LINCOLN         Yes
```

```
LU              Yes
MID LAT SEEPAGE Yes
P01             Yes
P02             Yes
P03             Yes
P04             Yes
P05             Yes
P06             Yes
P07             Yes
P08             Yes
P09             Yes
P10             Yes
P11             Yes
P12             Yes
P13a            Yes
P13b            Yes
P14             Yes
P15             Yes
P16             Yes
P17             Yes
P18             Yes
P19             Yes
P20             Yes
P21             Yes
P22             Yes
P23             Yes
P24             Yes
P25             Yes
P35             Yes
P45             Yes
P55             Yes
PL              Yes
SEEPAGE P       Yes
SEEPAGE U       Yes
STATE           Yes
U01             Yes
U02             Yes
U03             Yes
U04             Yes
U05             Yes
U06             Yes
U07             Yes
U08             Yes
U09             Yes
U10             Yes
U11             Yes
U12             Yes
U13             Yes
U14             Yes
U15             Yes
U16             Yes
U17             Yes
U18             Yes
U19             Yes
U20             Yes
U21             Yes
U55             Yes


-------------------------------------------------------------------------------------------------
         Name: 25yr-24hr           Hydrology Sim: 25Yr-24Hr
     Filename: R:\WCD Models\FWCD\MODEL\2014 FWCD Update\25yr-24hr.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 0.30                     Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                     End Time(hrs): 72.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 10.0000
        Boundary Stages: 9-INCH                   Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
72.000          60.000

Group           Run
--------------- -----
BOOKER          Yes
BOUNDARY        Yes
FJV             Yes
FMAIN           Yes
FOA-BW          Yes
I01             Yes
```

```
I02             Yes
I03             Yes
I04             Yes
I05             Yes
I06             Yes
I07             Yes
I08             Yes
I25             Yes
I75             Yes
LI              Yes
LINCOLN         Yes
LU              Yes
MID LAT SEEPAGE Yes
P01             Yes
P02             Yes
P03             Yes
P04             Yes
P05             Yes
P06             Yes
P07             Yes
P08             Yes
P09             Yes
P10             Yes
P11             Yes
P12             Yes
P13a            Yes
P13b            Yes
P14             Yes
P15             Yes
P16             Yes
P17             Yes
P18             Yes
P19             Yes
P20             Yes
P21             Yes
P22             Yes
P23             Yes
P24             Yes
P25             Yes
P35             Yes
P45             Yes
P55             Yes
PL              Yes
SEEPAGE P       Yes
SEEPAGE U       Yes
STATE           Yes
U01             Yes
U02             Yes
U03             Yes
U04             Yes
U05             Yes
U06             Yes
U07             Yes
U08             Yes
U09             Yes
U10             Yes
U11             Yes
U12             Yes
U13             Yes
U14             Yes
U15             Yes
U16             Yes
U17             Yes
U18             Yes
U19             Yes
U20             Yes
U21             Yes
U55             Yes


-----------------------------------------------------------------------------------------------------
         Name: FrancesCal2007      Hydrology Sim: FrancesCal-2007
     Filename: R:\WCD Models\FWCD\MODEL\2014 FWCD Update\FrancesCal2007.I32

      Execute: Yes         Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 0.30                     Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                     End Time(hrs): 48.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 10.0000
        Boundary Stages: FRANCES                  Boundary Flows:


Time(hrs)       Print Inc(min)
```

```
--------------- ---------------
72.000          30.000

Group           Run
--------------- -----
BOOKER          Yes
BOUNDARY        Yes
FJV             Yes
FMAIN           Yes
FOA-BW          Yes
I01             Yes
I02             Yes
I03             Yes
I04             Yes
I05             Yes
I06             Yes
I07             Yes
I08             Yes
I25             Yes
I75             Yes
LI              Yes
LINCOLN         Yes
LU              Yes
MID LAT SEEPAGE Yes
P01             Yes
P02             Yes
P03             Yes
P04             Yes
P05             Yes
P06             Yes
P07             Yes
P08             Yes
P09             Yes
P10             Yes
P11             Yes
P12             Yes
P13a            Yes
P13b            Yes
P14             Yes
P15             Yes
P16             Yes
P17             Yes
P18             Yes
P19             Yes
P20             Yes
P21             Yes
P22             Yes
P23             Yes
P24             Yes
P25             Yes
P35             Yes
P45             Yes
P55             Yes
PL              Yes
SEEPAGE P       Yes
SEEPAGE U       Yes
STATE           Yes
U01             Yes
U02             Yes
U03             Yes
U04             Yes
U05             Yes
U06             Yes
U07             Yes
U08             Yes
U09             Yes
U10             Yes
U11             Yes
U12             Yes
U13             Yes
U14             Yes
U15             Yes
U16             Yes
U17             Yes
U18             Yes
U19             Yes
U20             Yes
U21             Yes
U55             Yes


==========================================================================================
==== Boundary Conditions ================================================================
==========================================================================================

      Name: FRANCES               Node: NF-10                 Type: Stage
```

Time(hrs)	Stage(ft)
0.000	3.000
10.000	3.500
24.000	4.800
36.000	5.300
72.000	4.000

Name: 3-INCH Node: NF-10 Type: Stage

Time(hrs)	Stage(ft)
0.000	1.500
200.000	1.500

Name: 9-INCH Node: NF-10 Type: Stage

Time(hrs)	Stage(ft)
0.000	1.500
12.000	3.000
96.000	2.500

Name: 100 Year Node: NF-10 Type: Stage

Time(hrs)	Stage(ft)
0.000	3.000
48.000	3.500
60.000	4.500
96.000	4.500