[5/14/2024 16:08:14]

threads=-1

batch=4 of 16

exe=C:\Program Files\Icpr4.07.04\I4Model.exe

nextsim=K:\SAR\_Roadway\148800021 - Norton Street Stormwater Imp\ENGINEERING\ICPR\Post-Dev\Updated Model with Pumps\Scenarios\Sc67\Simulations\Si80\

[5/14/2024 16:08:14] K:\SAR\_Roadway\148800021 - Norton Street Stormwater Imp\ENGINEERING\ICPR\Post-Dev\Updated Model with Pumps\Scenarios\Sc67\Simulations\Si77\echo.i4p

[5/14/2024 16:08:14] Reading Simulation

[5/14/2024 16:08:14] Simulation=10YR24HR-HT

[5/14/2024 16:08:14] RunMode=0

[5/14/2024 16:08:14] HotStart=0

[5/14/2024 16:08:14] SaveRestart=0

[5/14/2024 16:08:14] StartYear=0

[5/14/2024 16:08:14] StartMonth=0

[5/14/2024 16:08:14] StartDay=0

[5/14/2024 16:08:14] StartHour=0.000

[5/14/2024 16:08:14] EndYear=0

[5/14/2024 16:08:14] EndMonth=0

[5/14/2024 16:08:14] EndDay=0

[5/14/2024 16:08:14] EndHour=30.000

[5/14/2024 16:08:14] HotstartYear=0

[5/14/2024 16:08:14] HotstartMonth=0

[5/14/2024 16:08:14] HotstartDay=0

[5/14/2024 16:08:14] HotstartHour=0.000

[5/14/2024 16:08:14] MinCalc\_Hydrology=60.000

[5/14/2024 16:08:14] MinCalc\_Hydraulics=0.100

[5/14/2024 16:08:14] MaxCalc\_Hydraulics=30.000

[5/14/2024 16:08:14] MinCalc\_Groundwater=900.000

[5/14/2024 16:08:14] RainfallSet=

[5/14/2024 16:08:14] RefETSet=

[5/14/2024 16:08:14] UnitHydSet=

[5/14/2024 16:08:14] BndStageSet=OBS-HT

[5/14/2024 16:08:14] ExHydSet=

[5/14/2024 16:08:14] CurveNumSet=

[5/14/2024 16:08:14] GreenAmptSet=

[5/14/2024 16:08:14] VertLayerSet=

[5/14/2024 16:08:14] ImpervSet=

[5/14/2024 16:08:14] RoughnessSet=

[5/14/2024 16:08:14] CropCoefSet=

[5/14/2024 16:08:14] PorosSet=

[5/14/2024 16:08:14] ConductSet=

[5/14/2024 16:08:14] LeakageSet=

[5/14/2024 16:08:14] TimeMarching=0

[5/14/2024 16:08:15] MaxIterations=6

[5/14/2024 16:08:15] OverRelaxWeightFactor=0.500

[5/14/2024 16:08:15] dZTolerance=0.001

[5/14/2024 16:08:15] MaxdZ=1.000

[5/14/2024 16:08:15] LinkOptTol=0.000

[5/14/2024 16:08:15] EdgeLengthOpt=0

[5/14/2024 16:08:15] EdgeLengthFactor=0.667

[5/14/2024 16:08:15] DefaultDampThresh2d=0.005

[5/14/2024 16:08:15] MinSurfArea2d=100.000

[5/14/2024 16:08:15] EnergySwitch2d=1

[5/14/2024 16:08:15] IaTime=24.000

[5/14/2024 16:08:15] IncludeETManBasns=0

[5/14/2024 16:08:15] VertLayerSoln=0

[5/14/2024 16:08:15] RainOptManBasns=1

[5/14/2024 16:08:15] RainOptOF=1

[5/14/2024 16:08:15] RainName=~FLMOD

[5/14/2024 16:08:15] RainAmount=7.000

[5/14/2024 16:08:15] StormDur=24.000

[5/14/2024 16:08:15] DefaultDampThresh1D=0.005

[5/14/2024 16:08:15] MinNodeSurfArea1D=100.000

[5/14/2024 16:08:15] EnergySwitch1D=1

[5/14/2024 16:08:15] Comment=

[5/14/2024 16:08:15] 7 threads [8 cores detected]

[5/14/2024 16:08:15] SolutionMethod=SAOR

[5/14/2024 16:08:15] No \_ET.TXT

[5/14/2024 16:08:15] No \_EV.TXT

[5/14/2024 16:08:15] Reading Operating Tables

[5/14/2024 16:08:15] Reading Cross Sections

[5/14/2024 16:08:15] Reading 1D Nodes

[5/14/2024 16:08:15] Reading Overland Flow Nodes

[5/14/2024 16:08:15] Reading 1D Channels

[5/14/2024 16:08:15] Setting up channel ghost nodes

[5/14/2024 16:08:15] Reading Pipes

[5/14/2024 16:08:15] Reading Rating Curves

[5/14/2024 16:08:15] Reading Weirs

[5/14/2024 16:08:15] Reading Drop Structures

[5/14/2024 16:08:15] Reading Breaches

[5/14/2024 16:08:15] Reading Percs

[5/14/2024 16:08:15] Reading Overland Flow Channels

[5/14/2024 16:08:15] Reading Overland Flow Weirs

[5/14/2024 16:08:15] Setting up ghost nodes

[5/14/2024 16:08:15] Reading Manual Basins

[5/14/2024 16:08:15] Reading Overland Flow Basins

[5/14/2024 16:08:15] Sorting basins

[5/14/2024 16:08:15] Reading Basin Features

[5/14/2024 16:08:15] Reading Groundwater

[5/14/2024 16:08:15] Initializing threads

[5/14/2024 16:08:15] Build Complete

[5/14/2024 16:08:15] Total basin area=32.268

[5/14/2024 16:08:15] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/14/2024 16:08:15]

[5/14/2024 16:08:15] --- Hydrology Counts -----------------------------------------------

[5/14/2024 16:08:15] Total Basin = 41

[5/14/2024 16:08:15] Direct Basin = 0

[5/14/2024 16:08:16] Manual NRCS Basin = 0

[5/14/2024 16:08:16] Manual SB Basin = 0

[5/14/2024 16:08:16] Mapped NRCS Basin = 0

[5/14/2024 16:08:16] Mapped SB Basin = 0

[5/14/2024 16:08:16] Simple NRCS Basin = 41

[5/14/2024 16:08:16] Simple SB Basin = 0

[5/14/2024 16:08:16] Total Basin Polygon = 41

[5/14/2024 16:08:16] Manual Basin Polygon = 0

[5/14/2024 16:08:16] Mapped Basin Polygon = 0

[5/14/2024 16:08:16] 2D Basin Polygon = 0

[5/14/2024 16:08:16] Crop = 0

[5/14/2024 16:08:16] Reference ET = 0

[5/14/2024 16:08:16] Rainfall = 1

[5/14/2024 16:08:16] Green Ampt Parameter = 0

[5/14/2024 16:08:16] Vert Layer Parameter = 0

[5/14/2024 16:08:16] Curve Number Parameter = 42

[5/14/2024 16:08:16] Imperviousness = 42

[5/14/2024 16:08:16]

[5/14/2024 16:08:16] --- Routing Counts -------------------------------------------------

[5/14/2024 16:08:16] Region = 0

[5/14/2024 16:08:16] Total Node = 69

[5/14/2024 16:08:16] 1D Stage Area = 65

[5/14/2024 16:08:16] 1D Time Stage = 4

[5/14/2024 16:08:16] 1D Drop Nodes = 0

[5/14/2024 16:08:16] 2D Stage Area = 0

[5/14/2024 16:08:16] 2D Time Stage = 0

[5/14/2024 16:08:16] 2D Pond Ghost = 0

[5/14/2024 16:08:16] 2D Chan Ghost = 0

[5/14/2024 16:08:16] 1D/2D Node Interfaces = 0

[5/14/2024 16:08:16] 1D/2D Injection Wells = 0

[5/14/2024 16:08:16] Total Link = 124

[5/14/2024 16:08:16] 1D Pipe = 40

[5/14/2024 16:08:16] 1D Drop Structure = 2

[5/14/2024 16:08:16] 1D French Drain = 0

[5/14/2024 16:08:16] 1D Channel = 0

[5/14/2024 16:08:16] 2D Channel = 0

[5/14/2024 16:08:16] 1D Weir = 78

[5/14/2024 16:08:16] 1D Drop Weir = 2

[5/14/2024 16:08:16] 2D Weir = 0

[5/14/2024 16:08:16] 1D Rating Curve = 2

[5/14/2024 16:08:16] 1D Percolation = 0

[5/14/2024 16:08:16] Cross Section = 56

[5/14/2024 16:08:16] Operating Table = 2

[5/14/2024 16:08:16]

[5/14/2024 16:08:16] --- Groundwater Counts ---------------------------------------------

[5/14/2024 16:08:16] Region = 0

[5/14/2024 16:08:16] Triangle = 0

[5/14/2024 16:08:16] Vertex = 0

[5/14/2024 16:08:16] Midpoint = 0

[5/14/2024 16:08:16] --------------------------------------------------------------------

[5/14/2024 16:08:16]

[5/14/2024 16:08:18] Processing Initial Link Flows...

[5/14/2024 16:08:18] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/14/2024 16:08:19] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/14/2024 16:08:20] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:08:20] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:08:20] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:08:20] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:08:20] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:08:21] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:08:21] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/14/2024 16:08:22] Node N-S11 caused a revert (this will only be logged once per node)

[5/14/2024 16:08:22] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/14/2024 16:08:22] Node N-S08 caused a revert (this will only be logged once per node)

[5/14/2024 16:08:22] Node N-S12 caused a revert (this will only be logged once per node)

[5/14/2024 16:08:23] Node N-S07 caused a revert (this will only be logged once per node)

[5/14/2024 16:09:11] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:09:11] Node N-S04 caused a revert (this will only be logged once per node)

[5/14/2024 16:09:11] Node N-S03 caused a revert (this will only be logged once per node)

[5/14/2024 16:09:11] Node N-S01 caused a revert (this will only be logged once per node)

[5/14/2024 16:09:11] Node N-S02 caused a revert (this will only be logged once per node)

[5/14/2024 16:09:11] Node N-S05 caused a revert (this will only be logged once per node)

[5/14/2024 16:09:11] Node N-S06 caused a revert (this will only be logged once per node)

[5/14/2024 16:09:30] Node N-S01A caused a revert (this will only be logged once per node)

[5/14/2024 16:09:30] Node N-S02A caused a revert (this will only be logged once per node)

[5/14/2024 16:09:34] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:09:36] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:09:56] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:11:05] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:11:06] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:11:21] Conduit Optimizer Total Count=20946655 of 25253120

[5/14/2024 16:11:21] PC busted 67 of 303350

[5/14/2024 16:11:21] Average Iterations was 1.081

[5/14/2024 16:11:21] Average dt was 0.37195 sec

[5/14/2024 16:11:21] Revert count=12982

[5/14/2024 16:11:21]

[5/14/2024 16:11:21] ---- Timers -----------------------------

[5/14/2024 16:11:21] Total Time=183.039 sec

[5/14/2024 16:11:21] Basin Time=0.026 sec

[5/14/2024 16:11:21] BasinPoly Time=0.003 sec

[5/14/2024 16:11:21] Node Time=1.853 sec

[5/14/2024 16:11:21] Link Time=61.188 sec

[5/14/2024 16:11:21] Hydrology Output Time=35.450 sec

[5/14/2024 16:11:21] Groundwater Output Time=0.219 sec

[5/14/2024 16:11:21] Routing Output Time=54.126 sec

[5/14/2024 16:11:22] --- Thread Timers --------------------

[5/14/2024 16:11:22] Thread[0] Basin Time=0.025 sec

[5/14/2024 16:11:22] Thread[0] BasinPoly Time=0.002 sec

[5/14/2024 16:11:22] Thread[0] Node Time=1.216 sec

[5/14/2024 16:11:22] Thread[0] Link Time=45.174 sec

[5/14/2024 16:11:22] --- Thread Timers --------------------

[5/14/2024 16:11:22] Thread[1] Basin Time=0.015 sec

[5/14/2024 16:11:22] Thread[1] BasinPoly Time=0.002 sec

[5/14/2024 16:11:22] Thread[1] Node Time=1.253 sec

[5/14/2024 16:11:22] Thread[1] Link Time=44.246 sec

[5/14/2024 16:11:22] --- Thread Timers --------------------

[5/14/2024 16:11:22] Thread[2] Basin Time=0.017 sec

[5/14/2024 16:11:22] Thread[2] BasinPoly Time=0.002 sec

[5/14/2024 16:11:22] Thread[2] Node Time=1.271 sec

[5/14/2024 16:11:22] Thread[2] Link Time=36.111 sec

[5/14/2024 16:11:22] --- Thread Timers --------------------

[5/14/2024 16:11:22] Thread[3] Basin Time=0.015 sec

[5/14/2024 16:11:22] Thread[3] BasinPoly Time=0.002 sec

[5/14/2024 16:11:22] Thread[3] Node Time=1.269 sec

[5/14/2024 16:11:22] Thread[3] Link Time=38.088 sec

[5/14/2024 16:11:22] --- Thread Timers --------------------

[5/14/2024 16:11:22] Thread[4] Basin Time=0.014 sec

[5/14/2024 16:11:22] Thread[4] BasinPoly Time=0.002 sec

[5/14/2024 16:11:22] Thread[4] Node Time=1.182 sec

[5/14/2024 16:11:22] Thread[4] Link Time=39.644 sec

[5/14/2024 16:11:22] --- Thread Timers --------------------

[5/14/2024 16:11:22] Thread[5] Basin Time=0.017 sec

[5/14/2024 16:11:22] Thread[5] BasinPoly Time=0.002 sec

[5/14/2024 16:11:22] Thread[5] Node Time=1.193 sec

[5/14/2024 16:11:22] Thread[5] Link Time=40.108 sec

[5/14/2024 16:11:22] --- Thread Timers --------------------

[5/14/2024 16:11:22] Thread[6] Basin Time=0.013 sec

[5/14/2024 16:11:22] Thread[6] BasinPoly Time=0.002 sec

[5/14/2024 16:11:22] Thread[6] Node Time=1.104 sec

[5/14/2024 16:11:22] Thread[6] Link Time=49.929 sec