[5/14/2024 16:27:06]

threads=-1

batch=10 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\Sc24\Simulations\Si43\

[5/14/2024 16:27:06] K:\SAR\_Roadway\148800021 - Norton Street Stormwater Imp\ENGINEERING\ICPR\Post-Dev\Updated Model with Pumps\Scenarios\Sc24\Simulations\Si40\echo.i4p

[5/14/2024 16:27:07] Reading Simulation

[5/14/2024 16:27:07] Simulation=100YR24HR-HT

[5/14/2024 16:27:07] RunMode=0

[5/14/2024 16:27:07] HotStart=0

[5/14/2024 16:27:07] SaveRestart=-1039984640

[5/14/2024 16:27:07] StartYear=0

[5/14/2024 16:27:07] StartMonth=0

[5/14/2024 16:27:07] StartDay=0

[5/14/2024 16:27:07] StartHour=0.000

[5/14/2024 16:27:07] EndYear=0

[5/14/2024 16:27:07] EndMonth=0

[5/14/2024 16:27:07] EndDay=0

[5/14/2024 16:27:07] EndHour=30.000

[5/14/2024 16:27:07] HotstartYear=0

[5/14/2024 16:27:07] HotstartMonth=0

[5/14/2024 16:27:07] HotstartDay=0

[5/14/2024 16:27:07] HotstartHour=0.000

[5/14/2024 16:27:07] MinCalc\_Hydrology=60.000

[5/14/2024 16:27:07] MinCalc\_Hydraulics=0.100

[5/14/2024 16:27:07] MaxCalc\_Hydraulics=30.000

[5/14/2024 16:27:07] MinCalc\_Groundwater=900.000

[5/14/2024 16:27:07] RainfallSet=

[5/14/2024 16:27:07] RefETSet=

[5/14/2024 16:27:07] UnitHydSet=

[5/14/2024 16:27:07] BndStageSet=OBS-HT

[5/14/2024 16:27:07] ExHydSet=

[5/14/2024 16:27:07] CurveNumSet=

[5/14/2024 16:27:07] GreenAmptSet=

[5/14/2024 16:27:07] VertLayerSet=

[5/14/2024 16:27:07] ImpervSet=

[5/14/2024 16:27:07] RoughnessSet=

[5/14/2024 16:27:07] CropCoefSet=

[5/14/2024 16:27:07] PorosSet=

[5/14/2024 16:27:07] ConductSet=

[5/14/2024 16:27:07] LeakageSet=

[5/14/2024 16:27:07] TimeMarching=0

[5/14/2024 16:27:07] MaxIterations=6

[5/14/2024 16:27:07] OverRelaxWeightFactor=0.500

[5/14/2024 16:27:07] dZTolerance=0.001

[5/14/2024 16:27:07] MaxdZ=1.000

[5/14/2024 16:27:07] LinkOptTol=0.000

[5/14/2024 16:27:07] EdgeLengthOpt=0

[5/14/2024 16:27:07] EdgeLengthFactor=0.667

[5/14/2024 16:27:08] DefaultDampThresh2d=0.005

[5/14/2024 16:27:08] MinSurfArea2d=100.000

[5/14/2024 16:27:08] EnergySwitch2d=1

[5/14/2024 16:27:08] IaTime=24.000

[5/14/2024 16:27:08] IncludeETManBasns=0

[5/14/2024 16:27:08] VertLayerSoln=0

[5/14/2024 16:27:08] RainOptManBasns=1

[5/14/2024 16:27:08] RainOptOF=1

[5/14/2024 16:27:08] RainName=~FLMOD

[5/14/2024 16:27:08] RainAmount=10.000

[5/14/2024 16:27:08] StormDur=24.000

[5/14/2024 16:27:08] DefaultDampThresh1D=0.005

[5/14/2024 16:27:08] MinNodeSurfArea1D=100.000

[5/14/2024 16:27:08] EnergySwitch1D=1

[5/14/2024 16:27:08] Comment=

[5/14/2024 16:27:08] 7 threads [8 cores detected]

[5/14/2024 16:27:08] SolutionMethod=SAOR

[5/14/2024 16:27:08] No \_ET.TXT

[5/14/2024 16:27:08] No \_EV.TXT

[5/14/2024 16:27:08] Reading Operating Tables

[5/14/2024 16:27:08] Reading Cross Sections

[5/14/2024 16:27:08] Reading 1D Nodes

[5/14/2024 16:27:08] Reading Overland Flow Nodes

[5/14/2024 16:27:08] Reading 1D Channels

[5/14/2024 16:27:08] Setting up channel ghost nodes

[5/14/2024 16:27:08] Reading Pipes

[5/14/2024 16:27:08] Reading Rating Curves

[5/14/2024 16:27:08] Reading Weirs

[5/14/2024 16:27:08] Reading Drop Structures

[5/14/2024 16:27:08] Reading Breaches

[5/14/2024 16:27:08] Reading Percs

[5/14/2024 16:27:08] Reading Overland Flow Channels

[5/14/2024 16:27:08] Reading Overland Flow Weirs

[5/14/2024 16:27:08] Setting up ghost nodes

[5/14/2024 16:27:08] Reading Manual Basins

[5/14/2024 16:27:08] Reading Overland Flow Basins

[5/14/2024 16:27:08] Sorting basins

[5/14/2024 16:27:08] Reading Basin Features

[5/14/2024 16:27:08] Reading Groundwater

[5/14/2024 16:27:08] Initializing threads

[5/14/2024 16:27:08] Build Complete

[5/14/2024 16:27:08] Total basin area=32.268

[5/14/2024 16:27:08] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/14/2024 16:27:08]

[5/14/2024 16:27:08] --- Hydrology Counts -----------------------------------------------

[5/14/2024 16:27:08] Total Basin = 41

[5/14/2024 16:27:08] Direct Basin = 0

[5/14/2024 16:27:09] Manual NRCS Basin = 0

[5/14/2024 16:27:09] Manual SB Basin = 0

[5/14/2024 16:27:09] Mapped NRCS Basin = 0

[5/14/2024 16:27:09] Mapped SB Basin = 0

[5/14/2024 16:27:09] Simple NRCS Basin = 41

[5/14/2024 16:27:09] Simple SB Basin = 0

[5/14/2024 16:27:09] Total Basin Polygon = 41

[5/14/2024 16:27:09] Manual Basin Polygon = 0

[5/14/2024 16:27:09] Mapped Basin Polygon = 0

[5/14/2024 16:27:09] 2D Basin Polygon = 0

[5/14/2024 16:27:09] Crop = 0

[5/14/2024 16:27:09] Reference ET = 0

[5/14/2024 16:27:09] Rainfall = 1

[5/14/2024 16:27:09] Green Ampt Parameter = 0

[5/14/2024 16:27:09] Vert Layer Parameter = 0

[5/14/2024 16:27:09] Curve Number Parameter = 42

[5/14/2024 16:27:09] Imperviousness = 42

[5/14/2024 16:27:09]

[5/14/2024 16:27:09] --- Routing Counts -------------------------------------------------

[5/14/2024 16:27:09] Region = 0

[5/14/2024 16:27:09] Total Node = 69

[5/14/2024 16:27:09] 1D Stage Area = 65

[5/14/2024 16:27:09] 1D Time Stage = 4

[5/14/2024 16:27:09] 1D Drop Nodes = 0

[5/14/2024 16:27:09] 2D Stage Area = 0

[5/14/2024 16:27:09] 2D Time Stage = 0

[5/14/2024 16:27:09] 2D Pond Ghost = 0

[5/14/2024 16:27:09] 2D Chan Ghost = 0

[5/14/2024 16:27:09] 1D/2D Node Interfaces = 0

[5/14/2024 16:27:09] 1D/2D Injection Wells = 0

[5/14/2024 16:27:09] Total Link = 122

[5/14/2024 16:27:09] 1D Pipe = 40

[5/14/2024 16:27:09] 1D Drop Structure = 2

[5/14/2024 16:27:09] 1D French Drain = 0

[5/14/2024 16:27:09] 1D Channel = 0

[5/14/2024 16:27:09] 2D Channel = 0

[5/14/2024 16:27:09] 1D Weir = 78

[5/14/2024 16:27:09] 1D Drop Weir = 2

[5/14/2024 16:27:09] 2D Weir = 0

[5/14/2024 16:27:09] 1D Rating Curve = 0

[5/14/2024 16:27:09] 1D Percolation = 0

[5/14/2024 16:27:09] Cross Section = 56

[5/14/2024 16:27:09] Operating Table = 0

[5/14/2024 16:27:09]

[5/14/2024 16:27:09] --- Groundwater Counts ---------------------------------------------

[5/14/2024 16:27:09] Region = 0

[5/14/2024 16:27:09] Triangle = 0

[5/14/2024 16:27:09] Vertex = 0

[5/14/2024 16:27:09] Midpoint = 0

[5/14/2024 16:27:09] --------------------------------------------------------------------

[5/14/2024 16:27:09]

[5/14/2024 16:27:11] Processing Initial Link Flows...

[5/14/2024 16:27:11] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/14/2024 16:27:12] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/14/2024 16:27:12] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:27:12] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:27:13] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:27:13] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:27:13] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:27:14] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:27:14] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/14/2024 16:27:14] Node N-S12 caused a revert (this will only be logged once per node)

[5/14/2024 16:27:14] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/14/2024 16:27:14] Node N-S11 caused a revert (this will only be logged once per node)

[5/14/2024 16:27:48] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:27:48] Node N-S04 caused a revert (this will only be logged once per node)

[5/14/2024 16:27:59] Node N-S07 caused a revert (this will only be logged once per node)

[5/14/2024 16:28:04] Node N-S08 caused a revert (this will only be logged once per node)

[5/14/2024 16:28:15] Node N-S01 caused a revert (this will only be logged once per node)

[5/14/2024 16:28:21] Node N-S06 caused a revert (this will only be logged once per node)

[5/14/2024 16:28:25] Node N-DN-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:28:25] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:28:26] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/14/2024 16:28:26] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:28:26] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/14/2024 16:28:28] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:28:31] Node N-S03 caused a revert (this will only be logged once per node)

[5/14/2024 16:28:35] Node N-S05 caused a revert (this will only be logged once per node)

[5/14/2024 16:28:47] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:28:47] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:28:47] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:30:04] Node N-S02 caused a revert (this will only be logged once per node)

[5/14/2024 16:30:04] Node N-S02A caused a revert (this will only be logged once per node)

[5/14/2024 16:30:12] Conduit Optimizer Total Count=21867535 of 26095040

[5/14/2024 16:30:12] PC busted 121 of 285445

[5/14/2024 16:30:12] Average Iterations was 1.285

[5/14/2024 16:30:12] Average dt was 0.39740 sec

[5/14/2024 16:30:12] Revert count=13676

[5/14/2024 16:30:12]

[5/14/2024 16:30:12] ---- Timers -----------------------------

[5/14/2024 16:30:12] Total Time=181.249 sec

[5/14/2024 16:30:12] Basin Time=0.026 sec

[5/14/2024 16:30:12] BasinPoly Time=0.003 sec

[5/14/2024 16:30:12] Node Time=1.821 sec

[5/14/2024 16:30:12] Link Time=63.499 sec

[5/14/2024 16:30:12] Hydrology Output Time=33.081 sec

[5/14/2024 16:30:12] Groundwater Output Time=0.215 sec

[5/14/2024 16:30:12] Routing Output Time=50.411 sec

[5/14/2024 16:30:12] --- Thread Timers --------------------

[5/14/2024 16:30:12] Thread[0] Basin Time=0.025 sec

[5/14/2024 16:30:13] Thread[0] BasinPoly Time=0.002 sec

[5/14/2024 16:30:13] Thread[0] Node Time=1.198 sec

[5/14/2024 16:30:13] Thread[0] Link Time=43.865 sec

[5/14/2024 16:30:13] --- Thread Timers --------------------

[5/14/2024 16:30:13] Thread[1] Basin Time=0.015 sec

[5/14/2024 16:30:13] Thread[1] BasinPoly Time=0.002 sec

[5/14/2024 16:30:13] Thread[1] Node Time=1.236 sec

[5/14/2024 16:30:13] Thread[1] Link Time=50.745 sec

[5/14/2024 16:30:13] --- Thread Timers --------------------

[5/14/2024 16:30:13] Thread[2] Basin Time=0.017 sec

[5/14/2024 16:30:13] Thread[2] BasinPoly Time=0.002 sec

[5/14/2024 16:30:13] Thread[2] Node Time=1.246 sec

[5/14/2024 16:30:13] Thread[2] Link Time=35.237 sec

[5/14/2024 16:30:13] --- Thread Timers --------------------

[5/14/2024 16:30:13] Thread[3] Basin Time=0.014 sec

[5/14/2024 16:30:13] Thread[3] BasinPoly Time=0.002 sec

[5/14/2024 16:30:13] Thread[3] Node Time=1.240 sec

[5/14/2024 16:30:13] Thread[3] Link Time=31.828 sec

[5/14/2024 16:30:13] --- Thread Timers --------------------

[5/14/2024 16:30:13] Thread[4] Basin Time=0.013 sec

[5/14/2024 16:30:13] Thread[4] BasinPoly Time=0.002 sec

[5/14/2024 16:30:13] Thread[4] Node Time=1.151 sec

[5/14/2024 16:30:13] Thread[4] Link Time=43.479 sec

[5/14/2024 16:30:13] --- Thread Timers --------------------

[5/14/2024 16:30:13] Thread[5] Basin Time=0.016 sec

[5/14/2024 16:30:13] Thread[5] BasinPoly Time=0.002 sec

[5/14/2024 16:30:13] Thread[5] Node Time=1.187 sec

[5/14/2024 16:30:13] Thread[5] Link Time=34.653 sec

[5/14/2024 16:30:13] --- Thread Timers --------------------

[5/14/2024 16:30:13] Thread[6] Basin Time=0.013 sec

[5/14/2024 16:30:13] Thread[6] BasinPoly Time=0.002 sec

[5/14/2024 16:30:13] Thread[6] Node Time=1.078 sec

[5/14/2024 16:30:13] Thread[6] Link Time=43.781 sec