[5/14/2024 16:32:59]

threads=-1

batch=12 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\Si45\

[5/14/2024 16:32:59] K:\SAR\_Roadway\148800021 - Norton Street Stormwater Imp\ENGINEERING\ICPR\Post-Dev\Updated Model with Pumps\Scenarios\Sc24\Simulations\Si42\echo.i4p

[5/14/2024 16:33:00] Reading Simulation

[5/14/2024 16:33:00] Simulation=10YR24HR-HT

[5/14/2024 16:33:00] RunMode=-1776838400

[5/14/2024 16:33:00] HotStart=0

[5/14/2024 16:33:00] SaveRestart=0

[5/14/2024 16:33:00] StartYear=0

[5/14/2024 16:33:00] StartMonth=0

[5/14/2024 16:33:00] StartDay=0

[5/14/2024 16:33:00] StartHour=0.000

[5/14/2024 16:33:00] EndYear=0

[5/14/2024 16:33:00] EndMonth=0

[5/14/2024 16:33:00] EndDay=0

[5/14/2024 16:33:00] EndHour=30.000

[5/14/2024 16:33:00] HotstartYear=0

[5/14/2024 16:33:00] HotstartMonth=0

[5/14/2024 16:33:00] HotstartDay=0

[5/14/2024 16:33:00] HotstartHour=0.000

[5/14/2024 16:33:00] MinCalc\_Hydrology=60.000

[5/14/2024 16:33:00] MinCalc\_Hydraulics=0.100

[5/14/2024 16:33:00] MaxCalc\_Hydraulics=30.000

[5/14/2024 16:33:00] MinCalc\_Groundwater=900.000

[5/14/2024 16:33:00] RainfallSet=

[5/14/2024 16:33:00] RefETSet=

[5/14/2024 16:33:00] UnitHydSet=

[5/14/2024 16:33:00] BndStageSet=OBS-HT

[5/14/2024 16:33:00] ExHydSet=

[5/14/2024 16:33:00] CurveNumSet=

[5/14/2024 16:33:00] GreenAmptSet=

[5/14/2024 16:33:00] VertLayerSet=

[5/14/2024 16:33:00] ImpervSet=

[5/14/2024 16:33:00] RoughnessSet=

[5/14/2024 16:33:00] CropCoefSet=

[5/14/2024 16:33:00] PorosSet=

[5/14/2024 16:33:00] ConductSet=

[5/14/2024 16:33:00] LeakageSet=

[5/14/2024 16:33:00] TimeMarching=0

[5/14/2024 16:33:00] MaxIterations=6

[5/14/2024 16:33:00] OverRelaxWeightFactor=0.500

[5/14/2024 16:33:00] dZTolerance=0.001

[5/14/2024 16:33:00] MaxdZ=1.000

[5/14/2024 16:33:00] LinkOptTol=0.000

[5/14/2024 16:33:00] EdgeLengthOpt=0

[5/14/2024 16:33:00] EdgeLengthFactor=0.667

[5/14/2024 16:33:00] DefaultDampThresh2d=0.005

[5/14/2024 16:33:00] MinSurfArea2d=100.000

[5/14/2024 16:33:00] EnergySwitch2d=1

[5/14/2024 16:33:00] IaTime=24.000

[5/14/2024 16:33:00] IncludeETManBasns=0

[5/14/2024 16:33:00] VertLayerSoln=0

[5/14/2024 16:33:00] RainOptManBasns=1

[5/14/2024 16:33:00] RainOptOF=1

[5/14/2024 16:33:00] RainName=~FLMOD

[5/14/2024 16:33:00] RainAmount=7.000

[5/14/2024 16:33:00] StormDur=24.000

[5/14/2024 16:33:00] DefaultDampThresh1D=0.005

[5/14/2024 16:33:00] MinNodeSurfArea1D=100.000

[5/14/2024 16:33:00] EnergySwitch1D=1

[5/14/2024 16:33:00] Comment=

[5/14/2024 16:33:00] 7 threads [8 cores detected]

[5/14/2024 16:33:00] SolutionMethod=SAOR

[5/14/2024 16:33:00] No \_ET.TXT

[5/14/2024 16:33:00] No \_EV.TXT

[5/14/2024 16:33:00] Reading Operating Tables

[5/14/2024 16:33:00] Reading Cross Sections

[5/14/2024 16:33:01] Reading 1D Nodes

[5/14/2024 16:33:01] Reading Overland Flow Nodes

[5/14/2024 16:33:01] Reading 1D Channels

[5/14/2024 16:33:01] Setting up channel ghost nodes

[5/14/2024 16:33:01] Reading Pipes

[5/14/2024 16:33:01] Reading Rating Curves

[5/14/2024 16:33:01] Reading Weirs

[5/14/2024 16:33:01] Reading Drop Structures

[5/14/2024 16:33:01] Reading Breaches

[5/14/2024 16:33:01] Reading Percs

[5/14/2024 16:33:01] Reading Overland Flow Channels

[5/14/2024 16:33:01] Reading Overland Flow Weirs

[5/14/2024 16:33:01] Setting up ghost nodes

[5/14/2024 16:33:01] Reading Manual Basins

[5/14/2024 16:33:01] Reading Overland Flow Basins

[5/14/2024 16:33:01] Sorting basins

[5/14/2024 16:33:01] Reading Basin Features

[5/14/2024 16:33:01] Reading Groundwater

[5/14/2024 16:33:01] Hooking groundwater up to overland flow meshes

[5/14/2024 16:33:01] Initializing threads

[5/14/2024 16:33:01] Build Complete

[5/14/2024 16:33:01] Total basin area=32.268

[5/14/2024 16:33:01] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/14/2024 16:33:01]

[5/14/2024 16:33:01] --- Hydrology Counts -----------------------------------------------

[5/14/2024 16:33:01] Total Basin = 41

[5/14/2024 16:33:01] Direct Basin = 0

[5/14/2024 16:33:01] Manual NRCS Basin = 0

[5/14/2024 16:33:01] Manual SB Basin = 0

[5/14/2024 16:33:01] Mapped NRCS Basin = 0

[5/14/2024 16:33:01] Mapped SB Basin = 0

[5/14/2024 16:33:01] Simple NRCS Basin = 41

[5/14/2024 16:33:01] Simple SB Basin = 0

[5/14/2024 16:33:01] Total Basin Polygon = 41

[5/14/2024 16:33:01] Manual Basin Polygon = 0

[5/14/2024 16:33:01] Mapped Basin Polygon = 0

[5/14/2024 16:33:01] 2D Basin Polygon = 0

[5/14/2024 16:33:01] Crop = 0

[5/14/2024 16:33:01] Reference ET = 0

[5/14/2024 16:33:01] Rainfall = 1

[5/14/2024 16:33:01] Green Ampt Parameter = 0

[5/14/2024 16:33:01] Vert Layer Parameter = 0

[5/14/2024 16:33:01] Curve Number Parameter = 42

[5/14/2024 16:33:01] Imperviousness = 42

[5/14/2024 16:33:01]

[5/14/2024 16:33:01] --- Routing Counts -------------------------------------------------

[5/14/2024 16:33:01] Region = 0

[5/14/2024 16:33:01] Total Node = 69

[5/14/2024 16:33:01] 1D Stage Area = 65

[5/14/2024 16:33:01] 1D Time Stage = 4

[5/14/2024 16:33:01] 1D Drop Nodes = 0

[5/14/2024 16:33:01] 2D Stage Area = 0

[5/14/2024 16:33:01] 2D Time Stage = 0

[5/14/2024 16:33:01] 2D Pond Ghost = 0

[5/14/2024 16:33:01] 2D Chan Ghost = 0

[5/14/2024 16:33:01] 1D/2D Node Interfaces = 0

[5/14/2024 16:33:01] 1D/2D Injection Wells = 0

[5/14/2024 16:33:01] Total Link = 122

[5/14/2024 16:33:01] 1D Pipe = 40

[5/14/2024 16:33:01] 1D Drop Structure = 2

[5/14/2024 16:33:01] 1D French Drain = 0

[5/14/2024 16:33:01] 1D Channel = 0

[5/14/2024 16:33:01] 2D Channel = 0

[5/14/2024 16:33:01] 1D Weir = 78

[5/14/2024 16:33:01] 1D Drop Weir = 2

[5/14/2024 16:33:01] 2D Weir = 0

[5/14/2024 16:33:01] 1D Rating Curve = 0

[5/14/2024 16:33:01] 1D Percolation = 0

[5/14/2024 16:33:01] Cross Section = 56

[5/14/2024 16:33:01] Operating Table = 0

[5/14/2024 16:33:01]

[5/14/2024 16:33:01] --- Groundwater Counts ---------------------------------------------

[5/14/2024 16:33:01] Region = 0

[5/14/2024 16:33:01] Triangle = 0

[5/14/2024 16:33:02] Vertex = 0

[5/14/2024 16:33:02] Midpoint = 0

[5/14/2024 16:33:02] --------------------------------------------------------------------

[5/14/2024 16:33:02]

[5/14/2024 16:33:03] Processing Initial Link Flows...

[5/14/2024 16:33:03] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/14/2024 16:33:05] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/14/2024 16:33:05] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:33:06] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:33:06] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:33:06] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:33:06] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:33:07] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:33:07] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/14/2024 16:33:07] Node N-S11 caused a revert (this will only be logged once per node)

[5/14/2024 16:33:08] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/14/2024 16:33:08] Node N-S08 caused a revert (this will only be logged once per node)

[5/14/2024 16:33:08] Node N-S12 caused a revert (this will only be logged once per node)

[5/14/2024 16:33:09] Node N-S07 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:08] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:08] Node N-S04 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:29] Node N-S05 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:29] Node N-S06 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:30] Node N-S01 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:30] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:31] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:32] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:32] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/14/2024 16:34:33] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:34] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:47] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:34:47] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:36:15] Conduit Optimizer Total Count=20012116 of 23333080

[5/14/2024 16:36:16] PC busted 99 of 260867

[5/14/2024 16:36:16] Average Iterations was 1.236

[5/14/2024 16:36:16] Average dt was 0.43479 sec

[5/14/2024 16:36:16] Revert count=12458

[5/14/2024 16:36:16]

[5/14/2024 16:36:16] ---- Timers -----------------------------

[5/14/2024 16:36:16] Total Time=192.071 sec

[5/14/2024 16:36:16] Basin Time=0.065 sec

[5/14/2024 16:36:16] BasinPoly Time=0.071 sec

[5/14/2024 16:36:16] Node Time=2.390 sec

[5/14/2024 16:36:16] Link Time=54.006 sec

[5/14/2024 16:36:16] Hydrology Output Time=38.680 sec

[5/14/2024 16:36:16] Groundwater Output Time=6.547 sec

[5/14/2024 16:36:16] Routing Output Time=53.466 sec

[5/14/2024 16:36:16] --- Thread Timers --------------------

[5/14/2024 16:36:16] Thread[0] Basin Time=0.026 sec

[5/14/2024 16:36:16] Thread[0] BasinPoly Time=0.002 sec

[5/14/2024 16:36:16] Thread[0] Node Time=1.139 sec

[5/14/2024 16:36:16] Thread[0] Link Time=37.666 sec

[5/14/2024 16:36:16] --- Thread Timers --------------------

[5/14/2024 16:36:16] Thread[1] Basin Time=0.016 sec

[5/14/2024 16:36:16] Thread[1] BasinPoly Time=0.002 sec

[5/14/2024 16:36:16] Thread[1] Node Time=1.146 sec

[5/14/2024 16:36:16] Thread[1] Link Time=41.966 sec

[5/14/2024 16:36:16] --- Thread Timers --------------------

[5/14/2024 16:36:16] Thread[2] Basin Time=0.018 sec

[5/14/2024 16:36:16] Thread[2] BasinPoly Time=0.002 sec

[5/14/2024 16:36:16] Thread[2] Node Time=1.211 sec

[5/14/2024 16:36:16] Thread[2] Link Time=26.400 sec

[5/14/2024 16:36:16] --- Thread Timers --------------------

[5/14/2024 16:36:17] Thread[3] Basin Time=0.016 sec

[5/14/2024 16:36:17] Thread[3] BasinPoly Time=0.002 sec

[5/14/2024 16:36:17] Thread[3] Node Time=1.209 sec

[5/14/2024 16:36:17] Thread[3] Link Time=24.820 sec

[5/14/2024 16:36:17] --- Thread Timers --------------------

[5/14/2024 16:36:17] Thread[4] Basin Time=0.015 sec

[5/14/2024 16:36:17] Thread[4] BasinPoly Time=0.002 sec

[5/14/2024 16:36:17] Thread[4] Node Time=1.091 sec

[5/14/2024 16:36:17] Thread[4] Link Time=33.498 sec

[5/14/2024 16:36:17] --- Thread Timers --------------------

[5/14/2024 16:36:17] Thread[5] Basin Time=0.018 sec

[5/14/2024 16:36:17] Thread[5] BasinPoly Time=0.002 sec

[5/14/2024 16:36:17] Thread[5] Node Time=1.075 sec

[5/14/2024 16:36:17] Thread[5] Link Time=26.330 sec

[5/14/2024 16:36:17] --- Thread Timers --------------------

[5/14/2024 16:36:17] Thread[6] Basin Time=0.016 sec

[5/14/2024 16:36:17] Thread[6] BasinPoly Time=0.002 sec

[5/14/2024 16:36:17] Thread[6] Node Time=1.026 sec

[5/14/2024 16:36:17] Thread[6] Link Time=36.656 sec