[5/14/2024 16:38:32]

threads=-1

batch=14 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\Si30\

[5/14/2024 16:38:32] K:\SAR\_Roadway\148800021 - Norton Street Stormwater Imp\ENGINEERING\ICPR\Post-Dev\Updated Model with Pumps\Scenarios\Sc24\Simulations\Si44\echo.i4p

[5/14/2024 16:38:33] Reading Simulation

[5/14/2024 16:38:33] Simulation=2.33YR24HR-HT

[5/14/2024 16:38:33] RunMode=0

[5/14/2024 16:38:33] HotStart=0

[5/14/2024 16:38:33] SaveRestart=0

[5/14/2024 16:38:33] StartYear=0

[5/14/2024 16:38:33] StartMonth=0

[5/14/2024 16:38:33] StartDay=0

[5/14/2024 16:38:33] StartHour=0.000

[5/14/2024 16:38:33] EndYear=0

[5/14/2024 16:38:33] EndMonth=0

[5/14/2024 16:38:33] EndDay=0

[5/14/2024 16:38:33] EndHour=30.000

[5/14/2024 16:38:33] HotstartYear=0

[5/14/2024 16:38:33] HotstartMonth=0

[5/14/2024 16:38:33] HotstartDay=0

[5/14/2024 16:38:33] HotstartHour=0.000

[5/14/2024 16:38:33] MinCalc\_Hydrology=60.000

[5/14/2024 16:38:33] MinCalc\_Hydraulics=0.100

[5/14/2024 16:38:33] MaxCalc\_Hydraulics=30.000

[5/14/2024 16:38:33] MinCalc\_Groundwater=900.000

[5/14/2024 16:38:33] RainfallSet=

[5/14/2024 16:38:33] RefETSet=

[5/14/2024 16:38:33] UnitHydSet=

[5/14/2024 16:38:33] BndStageSet=OBS-HT

[5/14/2024 16:38:33] ExHydSet=

[5/14/2024 16:38:33] CurveNumSet=

[5/14/2024 16:38:33] GreenAmptSet=

[5/14/2024 16:38:33] VertLayerSet=

[5/14/2024 16:38:33] ImpervSet=

[5/14/2024 16:38:33] RoughnessSet=

[5/14/2024 16:38:33] CropCoefSet=

[5/14/2024 16:38:33] PorosSet=

[5/14/2024 16:38:33] ConductSet=

[5/14/2024 16:38:33] LeakageSet=

[5/14/2024 16:38:33] TimeMarching=0

[5/14/2024 16:38:33] MaxIterations=6

[5/14/2024 16:38:33] OverRelaxWeightFactor=0.500

[5/14/2024 16:38:33] dZTolerance=0.001

[5/14/2024 16:38:33] MaxdZ=1.000

[5/14/2024 16:38:33] LinkOptTol=0.000

[5/14/2024 16:38:33] EdgeLengthOpt=0

[5/14/2024 16:38:33] EdgeLengthFactor=0.667

[5/14/2024 16:38:33] DefaultDampThresh2d=0.005

[5/14/2024 16:38:33] MinSurfArea2d=100.000

[5/14/2024 16:38:33] EnergySwitch2d=1

[5/14/2024 16:38:33] IaTime=24.000

[5/14/2024 16:38:33] IncludeETManBasns=0

[5/14/2024 16:38:33] VertLayerSoln=0

[5/14/2024 16:38:33] RainOptManBasns=1

[5/14/2024 16:38:33] RainOptOF=1

[5/14/2024 16:38:33] RainName=~FLMOD

[5/14/2024 16:38:33] RainAmount=4.500

[5/14/2024 16:38:33] StormDur=24.000

[5/14/2024 16:38:33] DefaultDampThresh1D=0.005

[5/14/2024 16:38:33] MinNodeSurfArea1D=100.000

[5/14/2024 16:38:33] EnergySwitch1D=1

[5/14/2024 16:38:33] Comment=

[5/14/2024 16:38:33] 7 threads [8 cores detected]

[5/14/2024 16:38:33] SolutionMethod=SAOR

[5/14/2024 16:38:33] No \_ET.TXT

[5/14/2024 16:38:33] No \_EV.TXT

[5/14/2024 16:38:33] Reading Operating Tables

[5/14/2024 16:38:33] Reading Cross Sections

[5/14/2024 16:38:33] Reading 1D Nodes

[5/14/2024 16:38:33] Reading Overland Flow Nodes

[5/14/2024 16:38:33] Reading 1D Channels

[5/14/2024 16:38:34] Setting up channel ghost nodes

[5/14/2024 16:38:34] Reading Pipes

[5/14/2024 16:38:34] Reading Rating Curves

[5/14/2024 16:38:34] Reading Weirs

[5/14/2024 16:38:34] Reading Drop Structures

[5/14/2024 16:38:34] Reading Breaches

[5/14/2024 16:38:34] Reading Percs

[5/14/2024 16:38:34] Reading Overland Flow Channels

[5/14/2024 16:38:34] Reading Overland Flow Weirs

[5/14/2024 16:38:34] Setting up ghost nodes

[5/14/2024 16:38:34] Reading Manual Basins

[5/14/2024 16:38:34] Reading Overland Flow Basins

[5/14/2024 16:38:34] Sorting basins

[5/14/2024 16:38:34] Reading Basin Features

[5/14/2024 16:38:34] Reading Groundwater

[5/14/2024 16:38:34] Initializing threads

[5/14/2024 16:38:34] Build Complete

[5/14/2024 16:38:34] Total basin area=32.268

[5/14/2024 16:38:34] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/14/2024 16:38:34]

[5/14/2024 16:38:34] --- Hydrology Counts -----------------------------------------------

[5/14/2024 16:38:34] Total Basin = 41

[5/14/2024 16:38:34] Direct Basin = 0

[5/14/2024 16:38:34] Manual NRCS Basin = 0

[5/14/2024 16:38:34] Manual SB Basin = 0

[5/14/2024 16:38:34] Mapped NRCS Basin = 0

[5/14/2024 16:38:34] Mapped SB Basin = 0

[5/14/2024 16:38:34] Simple NRCS Basin = 41

[5/14/2024 16:38:34] Simple SB Basin = 0

[5/14/2024 16:38:34] Total Basin Polygon = 41

[5/14/2024 16:38:34] Manual Basin Polygon = 0

[5/14/2024 16:38:34] Mapped Basin Polygon = 0

[5/14/2024 16:38:34] 2D Basin Polygon = 0

[5/14/2024 16:38:34] Crop = 0

[5/14/2024 16:38:34] Reference ET = 0

[5/14/2024 16:38:34] Rainfall = 1

[5/14/2024 16:38:34] Green Ampt Parameter = 0

[5/14/2024 16:38:34] Vert Layer Parameter = 0

[5/14/2024 16:38:34] Curve Number Parameter = 42

[5/14/2024 16:38:34] Imperviousness = 42

[5/14/2024 16:38:34]

[5/14/2024 16:38:34] --- Routing Counts -------------------------------------------------

[5/14/2024 16:38:34] Region = 0

[5/14/2024 16:38:34] Total Node = 69

[5/14/2024 16:38:34] 1D Stage Area = 65

[5/14/2024 16:38:34] 1D Time Stage = 4

[5/14/2024 16:38:34] 1D Drop Nodes = 0

[5/14/2024 16:38:34] 2D Stage Area = 0

[5/14/2024 16:38:34] 2D Time Stage = 0

[5/14/2024 16:38:34] 2D Pond Ghost = 0

[5/14/2024 16:38:34] 2D Chan Ghost = 0

[5/14/2024 16:38:34] 1D/2D Node Interfaces = 0

[5/14/2024 16:38:34] 1D/2D Injection Wells = 0

[5/14/2024 16:38:34] Total Link = 122

[5/14/2024 16:38:34] 1D Pipe = 40

[5/14/2024 16:38:34] 1D Drop Structure = 2

[5/14/2024 16:38:34] 1D French Drain = 0

[5/14/2024 16:38:34] 1D Channel = 0

[5/14/2024 16:38:34] 2D Channel = 0

[5/14/2024 16:38:34] 1D Weir = 78

[5/14/2024 16:38:34] 1D Drop Weir = 2

[5/14/2024 16:38:34] 2D Weir = 0

[5/14/2024 16:38:34] 1D Rating Curve = 0

[5/14/2024 16:38:34] 1D Percolation = 0

[5/14/2024 16:38:34] Cross Section = 56

[5/14/2024 16:38:34] Operating Table = 0

[5/14/2024 16:38:34]

[5/14/2024 16:38:34] --- Groundwater Counts ---------------------------------------------

[5/14/2024 16:38:34] Region = 0

[5/14/2024 16:38:34] Triangle = 0

[5/14/2024 16:38:34] Vertex = 0

[5/14/2024 16:38:34] Midpoint = 0

[5/14/2024 16:38:34] --------------------------------------------------------------------

[5/14/2024 16:38:34]

[5/14/2024 16:38:36] Processing Initial Link Flows...

[5/14/2024 16:38:36] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/14/2024 16:38:37] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:37] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:37] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:37] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:40] Node N-ML-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:41] Node N-ML-04 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:41] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/14/2024 16:38:41] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:38:41] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:41] Node N-S05 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:41] Node N-S06 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:41] Node N-S11 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:41] Node N-S12 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:41] Node N-S07 caused a revert (this will only be logged once per node)

[5/14/2024 16:38:41] Node N-S08 caused a revert (this will only be logged once per node)

[5/14/2024 16:39:27] Node N-S04 caused a revert (this will only be logged once per node)

[5/14/2024 16:39:27] Node N-S01 caused a revert (this will only be logged once per node)

[5/14/2024 16:39:28] Node N-ML-06 caused a revert (this will only be logged once per node)

[5/14/2024 16:39:28] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:39:29] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:39:29] Node N-GHS-01B caused a revert (this will only be logged once per node)

[5/14/2024 16:39:34] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:39:43] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:40:29] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:40:30] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:40:44] Conduit Optimizer Total Count=17185732 of 19578000

[5/14/2024 16:40:44] PC busted 97 of 225803

[5/14/2024 16:40:44] Average Iterations was 1.168

[5/14/2024 16:40:44] Average dt was 0.50224 sec

[5/14/2024 16:40:44] Revert count=10757

[5/14/2024 16:40:44]

[5/14/2024 16:40:44] ---- Timers -----------------------------

[5/14/2024 16:40:44] Total Time=128.127 sec

[5/14/2024 16:40:44] Basin Time=0.024 sec

[5/14/2024 16:40:44] BasinPoly Time=0.003 sec

[5/14/2024 16:40:44] Node Time=1.349 sec

[5/14/2024 16:40:44] Link Time=38.946 sec

[5/14/2024 16:40:44] Hydrology Output Time=23.833 sec

[5/14/2024 16:40:44] Groundwater Output Time=0.102 sec

[5/14/2024 16:40:44] Routing Output Time=38.889 sec

[5/14/2024 16:40:44] --- Thread Timers --------------------

[5/14/2024 16:40:45] Thread[0] Basin Time=0.023 sec

[5/14/2024 16:40:45] Thread[0] BasinPoly Time=0.002 sec

[5/14/2024 16:40:45] Thread[0] Node Time=0.937 sec

[5/14/2024 16:40:45] Thread[0] Link Time=26.581 sec

[5/14/2024 16:40:45] --- Thread Timers --------------------

[5/14/2024 16:40:45] Thread[1] Basin Time=0.013 sec

[5/14/2024 16:40:45] Thread[1] BasinPoly Time=0.002 sec

[5/14/2024 16:40:45] Thread[1] Node Time=0.941 sec

[5/14/2024 16:40:45] Thread[1] Link Time=29.023 sec

[5/14/2024 16:40:45] --- Thread Timers --------------------

[5/14/2024 16:40:45] Thread[2] Basin Time=0.015 sec

[5/14/2024 16:40:45] Thread[2] BasinPoly Time=0.002 sec

[5/14/2024 16:40:45] Thread[2] Node Time=0.973 sec

[5/14/2024 16:40:45] Thread[2] Link Time=17.766 sec

[5/14/2024 16:40:45] --- Thread Timers --------------------

[5/14/2024 16:40:45] Thread[3] Basin Time=0.013 sec

[5/14/2024 16:40:45] Thread[3] BasinPoly Time=0.002 sec

[5/14/2024 16:40:45] Thread[3] Node Time=0.969 sec

[5/14/2024 16:40:45] Thread[3] Link Time=17.192 sec

[5/14/2024 16:40:45] --- Thread Timers --------------------

[5/14/2024 16:40:45] Thread[4] Basin Time=0.012 sec

[5/14/2024 16:40:45] Thread[4] BasinPoly Time=0.002 sec

[5/14/2024 16:40:45] Thread[4] Node Time=0.889 sec

[5/14/2024 16:40:45] Thread[4] Link Time=23.261 sec

[5/14/2024 16:40:45] --- Thread Timers --------------------

[5/14/2024 16:40:45] Thread[5] Basin Time=0.015 sec

[5/14/2024 16:40:45] Thread[5] BasinPoly Time=0.002 sec

[5/14/2024 16:40:45] Thread[5] Node Time=0.931 sec

[5/14/2024 16:40:45] Thread[5] Link Time=18.054 sec

[5/14/2024 16:40:45] --- Thread Timers --------------------

[5/14/2024 16:40:45] Thread[6] Basin Time=0.012 sec

[5/14/2024 16:40:45] Thread[6] BasinPoly Time=0.002 sec

[5/14/2024 16:40:45] Thread[6] Node Time=0.814 sec

[5/14/2024 16:40:45] Thread[6] Link Time=26.716 sec