[5/14/2024 16:20:56]

 threads=-1

 batch=8 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\Si41\

[5/14/2024 16:20:56] K:\SAR\_Roadway\148800021 - Norton Street Stormwater Imp\ENGINEERING\ICPR\Post-Dev\Updated Model with Pumps\Scenarios\Sc67\Simulations\Si72\echo.i4p

[5/14/2024 16:20:56] Reading Simulation

[5/14/2024 16:20:56] Simulation=25YR24HR-HT

[5/14/2024 16:20:56] RunMode=0

[5/14/2024 16:20:56] HotStart=0

[5/14/2024 16:20:56] SaveRestart=0

[5/14/2024 16:20:56] StartYear=0

[5/14/2024 16:20:56] StartMonth=0

[5/14/2024 16:20:56] StartDay=0

[5/14/2024 16:20:56] StartHour=0.000

[5/14/2024 16:20:56] EndYear=0

[5/14/2024 16:20:56] EndMonth=0

[5/14/2024 16:20:56] EndDay=0

[5/14/2024 16:20:56] EndHour=30.000

[5/14/2024 16:20:56] HotstartYear=0

[5/14/2024 16:20:56] HotstartMonth=0

[5/14/2024 16:20:56] HotstartDay=0

[5/14/2024 16:20:56] HotstartHour=0.000

[5/14/2024 16:20:56] MinCalc\_Hydrology=60.000

[5/14/2024 16:20:56] MinCalc\_Hydraulics=0.100

[5/14/2024 16:20:56] MaxCalc\_Hydraulics=30.000

[5/14/2024 16:20:56] MinCalc\_Groundwater=900.000

[5/14/2024 16:20:56] RainfallSet=

[5/14/2024 16:20:56] RefETSet=

[5/14/2024 16:20:56] UnitHydSet=

[5/14/2024 16:20:56] BndStageSet=OBS-HT

[5/14/2024 16:20:56] ExHydSet=

[5/14/2024 16:20:56] CurveNumSet=

[5/14/2024 16:20:56] GreenAmptSet=

[5/14/2024 16:20:56] VertLayerSet=

[5/14/2024 16:20:56] ImpervSet=

[5/14/2024 16:20:56] RoughnessSet=

[5/14/2024 16:20:56] CropCoefSet=

[5/14/2024 16:20:56] PorosSet=

[5/14/2024 16:20:56] ConductSet=

[5/14/2024 16:20:57] LeakageSet=

[5/14/2024 16:20:57] TimeMarching=0

[5/14/2024 16:20:57] MaxIterations=6

[5/14/2024 16:20:57] OverRelaxWeightFactor=0.500

[5/14/2024 16:20:57] dZTolerance=0.001

[5/14/2024 16:20:57] MaxdZ=1.000

[5/14/2024 16:20:57] LinkOptTol=0.000

[5/14/2024 16:20:57] EdgeLengthOpt=0

[5/14/2024 16:20:57] EdgeLengthFactor=0.667

[5/14/2024 16:20:57] DefaultDampThresh2d=0.005

[5/14/2024 16:20:57] MinSurfArea2d=100.000

[5/14/2024 16:20:57] EnergySwitch2d=1

[5/14/2024 16:20:57] IaTime=24.000

[5/14/2024 16:20:57] IncludeETManBasns=0

[5/14/2024 16:20:57] VertLayerSoln=0

[5/14/2024 16:20:57] RainOptManBasns=1

[5/14/2024 16:20:57] RainOptOF=1

[5/14/2024 16:20:57] RainName=~FLMOD

[5/14/2024 16:20:57] RainAmount=8.000

[5/14/2024 16:20:57] StormDur=24.000

[5/14/2024 16:20:57] DefaultDampThresh1D=0.005

[5/14/2024 16:20:57] MinNodeSurfArea1D=100.000

[5/14/2024 16:20:57] EnergySwitch1D=1

[5/14/2024 16:20:57] Comment=

[5/14/2024 16:20:57] 7 threads [8 cores detected]

[5/14/2024 16:20:57] SolutionMethod=SAOR

[5/14/2024 16:20:57] No \_ET.TXT

[5/14/2024 16:20:57] No \_EV.TXT

[5/14/2024 16:20:57] Reading Operating Tables

[5/14/2024 16:20:57] Reading Cross Sections

[5/14/2024 16:20:57] Reading 1D Nodes

[5/14/2024 16:20:57] Reading Overland Flow Nodes

[5/14/2024 16:20:57] Reading 1D Channels

[5/14/2024 16:20:57] Setting up channel ghost nodes

[5/14/2024 16:20:57] Reading Pipes

[5/14/2024 16:20:57] Reading Rating Curves

[5/14/2024 16:20:57] Reading Weirs

[5/14/2024 16:20:57] Reading Drop Structures

[5/14/2024 16:20:57] Reading Breaches

[5/14/2024 16:20:57] Reading Percs

[5/14/2024 16:20:57] Reading Overland Flow Channels

[5/14/2024 16:20:57] Reading Overland Flow Weirs

[5/14/2024 16:20:57] Setting up ghost nodes

[5/14/2024 16:20:57] Reading Manual Basins

[5/14/2024 16:20:57] Reading Overland Flow Basins

[5/14/2024 16:20:57] Sorting basins

[5/14/2024 16:20:57] Reading Basin Features

[5/14/2024 16:20:57] Reading Groundwater

[5/14/2024 16:20:57] Hooking groundwater up to overland flow meshes

[5/14/2024 16:20:57] Initializing threads

[5/14/2024 16:20:57] Build Complete

[5/14/2024 16:20:57] Total basin area=32.268

[5/14/2024 16:20:57] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/14/2024 16:20:57]

[5/14/2024 16:20:58] --- Hydrology Counts -----------------------------------------------

[5/14/2024 16:20:58] Total Basin = 41

[5/14/2024 16:20:58] Direct Basin = 0

[5/14/2024 16:20:58] Manual NRCS Basin = 0

[5/14/2024 16:20:58] Manual SB Basin = 0

[5/14/2024 16:20:58] Mapped NRCS Basin = 0

[5/14/2024 16:20:58] Mapped SB Basin = 0

[5/14/2024 16:20:58] Simple NRCS Basin = 41

[5/14/2024 16:20:58] Simple SB Basin = 0

[5/14/2024 16:20:58] Total Basin Polygon = 41

[5/14/2024 16:20:58] Manual Basin Polygon = 0

[5/14/2024 16:20:58] Mapped Basin Polygon = 0

[5/14/2024 16:20:58] 2D Basin Polygon = 0

[5/14/2024 16:20:58] Crop = 0

[5/14/2024 16:20:58] Reference ET = 0

[5/14/2024 16:20:58] Rainfall = 1

[5/14/2024 16:20:58] Green Ampt Parameter = 0

[5/14/2024 16:20:58] Vert Layer Parameter = 0

[5/14/2024 16:20:58] Curve Number Parameter = 42

[5/14/2024 16:20:58] Imperviousness = 42

[5/14/2024 16:20:58]

[5/14/2024 16:20:58] --- Routing Counts -------------------------------------------------

[5/14/2024 16:20:58] Region = 0

[5/14/2024 16:20:58] Total Node = 69

[5/14/2024 16:20:58] 1D Stage Area = 65

[5/14/2024 16:20:58] 1D Time Stage = 4

[5/14/2024 16:20:58] 1D Drop Nodes = 0

[5/14/2024 16:20:58] 2D Stage Area = 0

[5/14/2024 16:20:58] 2D Time Stage = 0

[5/14/2024 16:20:58] 2D Pond Ghost = 0

[5/14/2024 16:20:58] 2D Chan Ghost = 0

[5/14/2024 16:20:58] 1D/2D Node Interfaces = 0

[5/14/2024 16:20:58] 1D/2D Injection Wells = 0

[5/14/2024 16:20:58] Total Link = 124

[5/14/2024 16:20:58] 1D Pipe = 40

[5/14/2024 16:20:58] 1D Drop Structure = 2

[5/14/2024 16:20:58] 1D French Drain = 0

[5/14/2024 16:20:58] 1D Channel = 0

[5/14/2024 16:20:58] 2D Channel = 0

[5/14/2024 16:20:58] 1D Weir = 78

[5/14/2024 16:20:58] 1D Drop Weir = 2

[5/14/2024 16:20:58] 2D Weir = 0

[5/14/2024 16:20:58] 1D Rating Curve = 2

[5/14/2024 16:20:58] 1D Percolation = 0

[5/14/2024 16:20:58] Cross Section = 56

[5/14/2024 16:20:58] Operating Table = 2

[5/14/2024 16:20:58]

[5/14/2024 16:20:58] --- Groundwater Counts ---------------------------------------------

[5/14/2024 16:20:58] Region = 0

[5/14/2024 16:20:58] Triangle = 0

[5/14/2024 16:20:58] Vertex = 0

[5/14/2024 16:20:58] Midpoint = 0

[5/14/2024 16:20:58] --------------------------------------------------------------------

[5/14/2024 16:20:58]

[5/14/2024 16:21:00] Processing Initial Link Flows...

[5/14/2024 16:21:00] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/14/2024 16:21:01] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:01] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:02] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:02] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:02] Node N-DN-01 caused a revert (this will only be logged once per node)

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

[5/14/2024 16:21:03] Node N-S12 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:03] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/14/2024 16:21:03] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:21:03] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:03] Node N-S07 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:03] Node N-S08 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:03] Node N-S11 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:43] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:43] Node N-S04 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:43] Node N-S03 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:44] Node N-S01 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:44] Node N-S02 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:44] Node N-S05 caused a revert (this will only be logged once per node)

[5/14/2024 16:21:44] Node N-S06 caused a revert (this will only be logged once per node)

[5/14/2024 16:22:10] Node N-S01A caused a revert (this will only be logged once per node)

[5/14/2024 16:22:10] Node N-S02A caused a revert (this will only be logged once per node)

[5/14/2024 16:22:13] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:22:14] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:22:16] Node N-PS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:22:48] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:22:48] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:22:48] Node N-JA-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:24:26] Conduit Optimizer Total Count=22626497 of 27201920

[5/14/2024 16:24:26] PC busted 60 of 325253

[5/14/2024 16:24:27] Average Iterations was 1.091

[5/14/2024 16:24:27] Average dt was 0.34713 sec

[5/14/2024 16:24:27] Revert count=14128

[5/14/2024 16:24:27]

[5/14/2024 16:24:27] ---- Timers -----------------------------

[5/14/2024 16:24:27] Total Time=206.768 sec

[5/14/2024 16:24:27] Basin Time=0.025 sec

[5/14/2024 16:24:27] BasinPoly Time=0.003 sec

[5/14/2024 16:24:27] Node Time=1.982 sec

[5/14/2024 16:24:27] Link Time=64.833 sec

[5/14/2024 16:24:27] Hydrology Output Time=35.466 sec

[5/14/2024 16:24:27] Groundwater Output Time=7.484 sec

[5/14/2024 16:24:27] Routing Output Time=57.383 sec

[5/14/2024 16:24:27] --- Thread Timers --------------------

[5/14/2024 16:24:27] Thread[0] Basin Time=0.024 sec

[5/14/2024 16:24:27] Thread[0] BasinPoly Time=0.002 sec

[5/14/2024 16:24:27] Thread[0] Node Time=1.297 sec

[5/14/2024 16:24:27] Thread[0] Link Time=47.461 sec

[5/14/2024 16:24:27] --- Thread Timers --------------------

[5/14/2024 16:24:27] Thread[1] Basin Time=0.015 sec

[5/14/2024 16:24:27] Thread[1] BasinPoly Time=0.002 sec

[5/14/2024 16:24:27] Thread[1] Node Time=1.355 sec

[5/14/2024 16:24:28] Thread[1] Link Time=47.182 sec

[5/14/2024 16:24:28] --- Thread Timers --------------------

[5/14/2024 16:24:28] Thread[2] Basin Time=0.016 sec

[5/14/2024 16:24:28] Thread[2] BasinPoly Time=0.002 sec

[5/14/2024 16:24:28] Thread[2] Node Time=1.330 sec

[5/14/2024 16:24:28] Thread[2] Link Time=37.848 sec

[5/14/2024 16:24:28] --- Thread Timers --------------------

[5/14/2024 16:24:28] Thread[3] Basin Time=0.015 sec

[5/14/2024 16:24:28] Thread[3] BasinPoly Time=0.002 sec

[5/14/2024 16:24:28] Thread[3] Node Time=1.333 sec

[5/14/2024 16:24:28] Thread[3] Link Time=40.020 sec

[5/14/2024 16:24:28] --- Thread Timers --------------------

[5/14/2024 16:24:28] Thread[4] Basin Time=0.013 sec

[5/14/2024 16:24:28] Thread[4] BasinPoly Time=0.002 sec

[5/14/2024 16:24:28] Thread[4] Node Time=1.302 sec

[5/14/2024 16:24:28] Thread[4] Link Time=41.653 sec

[5/14/2024 16:24:28] --- Thread Timers --------------------

[5/14/2024 16:24:28] Thread[5] Basin Time=0.016 sec

[5/14/2024 16:24:28] Thread[5] BasinPoly Time=0.002 sec

[5/14/2024 16:24:28] Thread[5] Node Time=1.321 sec

[5/14/2024 16:24:28] Thread[5] Link Time=41.747 sec

[5/14/2024 16:24:28] --- Thread Timers --------------------

[5/14/2024 16:24:28] Thread[6] Basin Time=0.013 sec

[5/14/2024 16:24:28] Thread[6] BasinPoly Time=0.002 sec

[5/14/2024 16:24:28] Thread[6] Node Time=1.203 sec

[5/14/2024 16:24:28] Thread[6] Link Time=52.987 sec