[5/14/2024 16:00:48]

threads=-1

batch=2 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\Si78\

[5/14/2024 16:00:48] K:\SAR\_Roadway\148800021 - Norton Street Stormwater Imp\ENGINEERING\ICPR\Post-Dev\Updated Model with Pumps\Scenarios\Sc67\Simulations\Si75\echo.i4p

[5/14/2024 16:00:48] Reading Simulation

[5/14/2024 16:00:48] Simulation=100YR24HR-HT

[5/14/2024 16:00:48] RunMode=0

[5/14/2024 16:00:48] HotStart=0

[5/14/2024 16:00:48] SaveRestart=0

[5/14/2024 16:00:48] StartYear=0

[5/14/2024 16:00:48] StartMonth=0

[5/14/2024 16:00:48] StartDay=0

[5/14/2024 16:00:48] StartHour=0.000

[5/14/2024 16:00:48] EndYear=0

[5/14/2024 16:00:48] EndMonth=0

[5/14/2024 16:00:48] EndDay=0

[5/14/2024 16:00:48] EndHour=30.000

[5/14/2024 16:00:48] HotstartYear=0

[5/14/2024 16:00:49] HotstartMonth=0

[5/14/2024 16:00:49] HotstartDay=0

[5/14/2024 16:00:49] HotstartHour=0.000

[5/14/2024 16:00:49] MinCalc\_Hydrology=60.000

[5/14/2024 16:00:49] MinCalc\_Hydraulics=0.100

[5/14/2024 16:00:49] MaxCalc\_Hydraulics=30.000

[5/14/2024 16:00:49] MinCalc\_Groundwater=900.000

[5/14/2024 16:00:49] RainfallSet=

[5/14/2024 16:00:49] RefETSet=

[5/14/2024 16:00:49] UnitHydSet=

[5/14/2024 16:00:49] BndStageSet=OBS-HT

[5/14/2024 16:00:49] ExHydSet=

[5/14/2024 16:00:49] CurveNumSet=

[5/14/2024 16:00:49] GreenAmptSet=

[5/14/2024 16:00:49] VertLayerSet=

[5/14/2024 16:00:49] ImpervSet=

[5/14/2024 16:00:49] RoughnessSet=

[5/14/2024 16:00:49] CropCoefSet=

[5/14/2024 16:00:49] PorosSet=

[5/14/2024 16:00:49] ConductSet=

[5/14/2024 16:00:49] LeakageSet=

[5/14/2024 16:00:49] TimeMarching=0

[5/14/2024 16:00:49] MaxIterations=6

[5/14/2024 16:00:49] OverRelaxWeightFactor=0.500

[5/14/2024 16:00:49] dZTolerance=0.001

[5/14/2024 16:00:49] MaxdZ=1.000

[5/14/2024 16:00:49] LinkOptTol=0.000

[5/14/2024 16:00:49] EdgeLengthOpt=0

[5/14/2024 16:00:49] EdgeLengthFactor=0.667

[5/14/2024 16:00:49] DefaultDampThresh2d=0.005

[5/14/2024 16:00:49] MinSurfArea2d=100.000

[5/14/2024 16:00:49] EnergySwitch2d=1

[5/14/2024 16:00:49] IaTime=24.000

[5/14/2024 16:00:49] IncludeETManBasns=0

[5/14/2024 16:00:49] VertLayerSoln=0

[5/14/2024 16:00:49] RainOptManBasns=1

[5/14/2024 16:00:49] RainOptOF=1

[5/14/2024 16:00:49] RainName=~FLMOD

[5/14/2024 16:00:49] RainAmount=10.000

[5/14/2024 16:00:49] StormDur=24.000

[5/14/2024 16:00:49] DefaultDampThresh1D=0.005

[5/14/2024 16:00:49] MinNodeSurfArea1D=100.000

[5/14/2024 16:00:49] EnergySwitch1D=1

[5/14/2024 16:00:49] Comment=

[5/14/2024 16:00:49] 7 threads [8 cores detected]

[5/14/2024 16:00:49] SolutionMethod=SAOR

[5/14/2024 16:00:49] No \_ET.TXT

[5/14/2024 16:00:49] No \_EV.TXT

[5/14/2024 16:00:49] Reading Operating Tables

[5/14/2024 16:00:49] Reading Cross Sections

[5/14/2024 16:00:49] Reading 1D Nodes

[5/14/2024 16:00:49] Reading Overland Flow Nodes

[5/14/2024 16:00:49] Reading 1D Channels

[5/14/2024 16:00:49] Setting up channel ghost nodes

[5/14/2024 16:00:49] Reading Pipes

[5/14/2024 16:00:49] Reading Rating Curves

[5/14/2024 16:00:49] Reading Weirs

[5/14/2024 16:00:49] Reading Drop Structures

[5/14/2024 16:00:49] Reading Breaches

[5/14/2024 16:00:49] Reading Percs

[5/14/2024 16:00:50] Reading Overland Flow Channels

[5/14/2024 16:00:50] Reading Overland Flow Weirs

[5/14/2024 16:00:50] Setting up ghost nodes

[5/14/2024 16:00:50] Reading Manual Basins

[5/14/2024 16:00:50] Reading Overland Flow Basins

[5/14/2024 16:00:50] Sorting basins

[5/14/2024 16:00:50] Reading Basin Features

[5/14/2024 16:00:50] Reading Groundwater

[5/14/2024 16:00:50] Initializing threads

[5/14/2024 16:00:50] Build Complete

[5/14/2024 16:00:50] Total basin area=32.268

[5/14/2024 16:00:50] Basins: Minarea\_ft2=9583.20000 Maxarea\_ft2=115882.66800 Avgarea\_ft2=34282.67620

[5/14/2024 16:00:50]

[5/14/2024 16:00:50] --- Hydrology Counts -----------------------------------------------

[5/14/2024 16:00:50] Total Basin = 41

[5/14/2024 16:00:50] Direct Basin = 0

[5/14/2024 16:00:50] Manual NRCS Basin = 0

[5/14/2024 16:00:50] Manual SB Basin = 0

[5/14/2024 16:00:50] Mapped NRCS Basin = 0

[5/14/2024 16:00:50] Mapped SB Basin = 0

[5/14/2024 16:00:50] Simple NRCS Basin = 41

[5/14/2024 16:00:50] Simple SB Basin = 0

[5/14/2024 16:00:50] Total Basin Polygon = 41

[5/14/2024 16:00:50] Manual Basin Polygon = 0

[5/14/2024 16:00:50] Mapped Basin Polygon = 0

[5/14/2024 16:00:50] 2D Basin Polygon = 0

[5/14/2024 16:00:50] Crop = 0

[5/14/2024 16:00:50] Reference ET = 0

[5/14/2024 16:00:50] Rainfall = 1

[5/14/2024 16:00:50] Green Ampt Parameter = 0

[5/14/2024 16:00:50] Vert Layer Parameter = 0

[5/14/2024 16:00:50] Curve Number Parameter = 42

[5/14/2024 16:00:50] Imperviousness = 42

[5/14/2024 16:00:50]

[5/14/2024 16:00:50] --- Routing Counts -------------------------------------------------

[5/14/2024 16:00:50] Region = 0

[5/14/2024 16:00:50] Total Node = 69

[5/14/2024 16:00:50] 1D Stage Area = 65

[5/14/2024 16:00:50] 1D Time Stage = 4

[5/14/2024 16:00:50] 1D Drop Nodes = 0

[5/14/2024 16:00:50] 2D Stage Area = 0

[5/14/2024 16:00:50] 2D Time Stage = 0

[5/14/2024 16:00:50] 2D Pond Ghost = 0

[5/14/2024 16:00:50] 2D Chan Ghost = 0

[5/14/2024 16:00:50] 1D/2D Node Interfaces = 0

[5/14/2024 16:00:50] 1D/2D Injection Wells = 0

[5/14/2024 16:00:50] Total Link = 124

[5/14/2024 16:00:50] 1D Pipe = 40

[5/14/2024 16:00:50] 1D Drop Structure = 2

[5/14/2024 16:00:50] 1D French Drain = 0

[5/14/2024 16:00:50] 1D Channel = 0

[5/14/2024 16:00:50] 2D Channel = 0

[5/14/2024 16:00:50] 1D Weir = 78

[5/14/2024 16:00:50] 1D Drop Weir = 2

[5/14/2024 16:00:50] 2D Weir = 0

[5/14/2024 16:00:50] 1D Rating Curve = 2

[5/14/2024 16:00:50] 1D Percolation = 0

[5/14/2024 16:00:50] Cross Section = 56

[5/14/2024 16:00:50] Operating Table = 2

[5/14/2024 16:00:50]

[5/14/2024 16:00:50] --- Groundwater Counts ---------------------------------------------

[5/14/2024 16:00:50] Region = 0

[5/14/2024 16:00:50] Triangle = 0

[5/14/2024 16:00:50] Vertex = 0

[5/14/2024 16:00:50] Midpoint = 0

[5/14/2024 16:00:50] --------------------------------------------------------------------

[5/14/2024 16:00:50]

[5/14/2024 16:00:52] Processing Initial Link Flows...

[5/14/2024 16:00:52] \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start Time Marching \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

[5/14/2024 16:00:54] Node N-PS-04 caused a revert (this will only be logged once per node)

[5/14/2024 16:00:54] Node N-GHS-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:00:54] Node N-PS-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:00:54] Node N-GHS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:00:54] Node N-DN-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:00:54] Node N-DN-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:00:55] Node N-NS-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:00:55] Node N-NS-MH01 caused a revert (this will only be logged once per node)

[5/14/2024 16:00:55] Node N-S12 caused a revert (this will only be logged once per node)

[5/14/2024 16:00:55] Node N-NS-01B caused a revert (this will only be logged once per node)

[5/14/2024 16:00:55] Node N-S11 caused a revert (this will only be logged once per node)

[5/14/2024 16:01:30] Node N-NS-03 caused a revert (this will only be logged once per node)

[5/14/2024 16:01:30] Node N-S04 caused a revert (this will only be logged once per node)

[5/14/2024 16:01:38] Node N-S03 caused a revert (this will only be logged once per node)

[5/14/2024 16:01:38] Node N-S01 caused a revert (this will only be logged once per node)

[5/14/2024 16:01:38] Node N-S02 caused a revert (this will only be logged once per node)

[5/14/2024 16:01:38] Node N-S05 caused a revert (this will only be logged once per node)

[5/14/2024 16:01:38] Node N-S06 caused a revert (this will only be logged once per node)

[5/14/2024 16:01:38] Node N-S07 caused a revert (this will only be logged once per node)

[5/14/2024 16:01:38] Node N-S08 caused a revert (this will only be logged once per node)

[5/14/2024 16:02:02] Node N-S01A caused a revert (this will only be logged once per node)

[5/14/2024 16:02:02] Node N-S02A caused a revert (this will only be logged once per node)

[5/14/2024 16:02:10] Node N-GHS-01 caused a revert (this will only be logged once per node)

[5/14/2024 16:02:13] Node N-ML-05 caused a revert (this will only be logged once per node)

[5/14/2024 16:02:45] Node N-JA-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:02:45] Node N-JA-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:02:45] Node N-JA-01 caused a revert (this will only be logged once per node)

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

[5/14/2024 16:03:01] Node N-BV-02 caused a revert (this will only be logged once per node)

[5/14/2024 16:03:01] Node N-BV-02B caused a revert (this will only be logged once per node)

[5/14/2024 16:04:18] Conduit Optimizer Total Count=25055954 of 30299040

[5/14/2024 16:04:18] PC busted 55 of 359117

[5/14/2024 16:04:18] Average Iterations was 1.109

[5/14/2024 16:04:18] Average dt was 0.31445 sec

[5/14/2024 16:04:18] Revert count=15644

[5/14/2024 16:04:18]

[5/14/2024 16:04:18] ---- Timers -----------------------------

[5/14/2024 16:04:19] Total Time=206.241 sec

[5/14/2024 16:04:19] Basin Time=0.042 sec

[5/14/2024 16:04:19] BasinPoly Time=0.030 sec

[5/14/2024 16:04:19] Node Time=2.702 sec

[5/14/2024 16:04:19] Link Time=75.381 sec

[5/14/2024 16:04:19] Hydrology Output Time=40.080 sec

[5/14/2024 16:04:19] Groundwater Output Time=0.219 sec

[5/14/2024 16:04:19] Routing Output Time=56.027 sec

[5/14/2024 16:04:19] --- Thread Timers --------------------

[5/14/2024 16:04:19] Thread[0] Basin Time=0.028 sec

[5/14/2024 16:04:19] Thread[0] BasinPoly Time=0.002 sec

[5/14/2024 16:04:19] Thread[0] Node Time=1.517 sec

[5/14/2024 16:04:19] Thread[0] Link Time=55.449 sec

[5/14/2024 16:04:19] --- Thread Timers --------------------

[5/14/2024 16:04:19] Thread[1] Basin Time=0.017 sec

[5/14/2024 16:04:19] Thread[1] BasinPoly Time=0.002 sec

[5/14/2024 16:04:19] Thread[1] Node Time=1.558 sec

[5/14/2024 16:04:19] Thread[1] Link Time=55.144 sec

[5/14/2024 16:04:19] --- Thread Timers --------------------

[5/14/2024 16:04:19] Thread[2] Basin Time=0.018 sec

[5/14/2024 16:04:19] Thread[2] BasinPoly Time=0.002 sec

[5/14/2024 16:04:19] Thread[2] Node Time=1.537 sec

[5/14/2024 16:04:19] Thread[2] Link Time=43.927 sec

[5/14/2024 16:04:19] --- Thread Timers --------------------

[5/14/2024 16:04:19] Thread[3] Basin Time=0.017 sec

[5/14/2024 16:04:19] Thread[3] BasinPoly Time=0.002 sec

[5/14/2024 16:04:19] Thread[3] Node Time=1.558 sec

[5/14/2024 16:04:19] Thread[3] Link Time=46.473 sec

[5/14/2024 16:04:20] --- Thread Timers --------------------

[5/14/2024 16:04:20] Thread[4] Basin Time=0.016 sec

[5/14/2024 16:04:20] Thread[4] BasinPoly Time=0.002 sec

[5/14/2024 16:04:20] Thread[4] Node Time=1.479 sec

[5/14/2024 16:04:20] Thread[4] Link Time=48.118 sec

[5/14/2024 16:04:20] --- Thread Timers --------------------

[5/14/2024 16:04:20] Thread[5] Basin Time=0.018 sec

[5/14/2024 16:04:20] Thread[5] BasinPoly Time=0.002 sec

[5/14/2024 16:04:20] Thread[5] Node Time=1.472 sec

[5/14/2024 16:04:20] Thread[5] Link Time=48.248 sec

[5/14/2024 16:04:20] --- Thread Timers --------------------

[5/14/2024 16:04:20] Thread[6] Basin Time=0.014 sec

[5/14/2024 16:04:20] Thread[6] BasinPoly Time=0.002 sec

[5/14/2024 16:04:20] Thread[6] Node Time=1.322 sec

[5/14/2024 16:04:20] Thread[6] Link Time=61.510 sec