

1 09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound
ISCST3 - (DATED 02035)

ISCST3x VERSION 4.4.3
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Run Began on 4/18/2008 at 18:47:46

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA_SR04-300_DPM_TRAV_ANN_N-S
Bound.dat
** Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative DPM Impacts

CO TITLETWO Maximum train overlap at North/South Bound Direction

CO MODELOPT DFAULT CONC URBAN

CO AVERTIME ANNUAL

CO POLLUTID OTHER

CO TERRHGTS FLAT

CO FLAGPOLE 1.2

CO RUNORNOT RUN

CO FINISHED

SO STARTING

SO ELEVUNIT METERS

SO LOCATION NCRA_S1 AREA -4.5 135.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S2 AREA -4.5 45.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S3 AREA -4.5 -45.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S4 AREA -4.5 -135.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO LOCATION NCRA_S5 AREA -4.5 -225.0 0

** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South

SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 0 2.3

SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 0 2.3

SO SRCGROUP NCRA_S1 NCRA_S1

SO SRCGROUP NCRA_S2 NCRA_S2

SO SRCGROUP NCRA_S3 NCRA_S3

SO SRCGROUP NCRA_S4 NCRA_S4

SO SRCGROUP NCRA_S5 NCRA_S5

SO SRCGROUP ALL

SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
RE DISCCART	-60.0	-250.0	1.2
RE DISCCART	-50.0	-250.0	1.2
RE DISCCART	-40.0	-250.0	1.2
RE DISCCART	-30.0	-250.0	1.2
RE DISCCART	-25.0	-250.0	1.2
RE DISCCART	-20.0	-250.0	1.2
RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
RE DISCCART	-11.0	-250.0	1.2
RE DISCCART	-9.0	-250.0	1.2
RE DISCCART	9.0	-250.0	1.2
RE DISCCART	11.0	-250.0	1.2
RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
RE DISCCART	17.0	-250.0	1.2
RE DISCCART	20.0	-250.0	1.2
RE DISCCART	25.0	-250.0	1.2
RE DISCCART	30.0	-250.0	1.2
RE DISCCART	40.0	-250.0	1.2
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RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
RE DISCCART	90.0	-250.0	1.2
RE DISCCART	100.0	-250.0	1.2
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RE DISCCART	-90.0	-240.0	1.2
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RE DISCCART	-15.0	-240.0	1.2
RE DISCCART	-13.0	-240.0	1.2
RE DISCCART	-11.0	-240.0	1.2

RE DISCCART	-9.0	-240.0	1.2
RE DISCCART	9.0	-240.0	1.2
RE DISCCART	11.0	-240.0	1.2
RE DISCCART	13.0	-240.0	1.2
RE DISCCART	15.0	-240.0	1.2
RE DISCCART	17.0	-240.0	1.2
RE DISCCART	20.0	-240.0	1.2
RE DISCCART	25.0	-240.0	1.2
RE DISCCART	30.0	-240.0	1.2
RE DISCCART	40.0	-240.0	1.2
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RE DISCCART	-80.0	-230.0	1.2
RE DISCCART	-70.0	-230.0	1.2
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RE DISCCART	-15.0	-230.0	1.2
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RE DISCCART	13.0	-230.0	1.2
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RE DISCCART	80.0	-230.0	1.2

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RE DISCCART	-90.0	-220.0	1.2
RE DISCCART	-80.0	-220.0	1.2
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RE DISCCART	80.0	-220.0	1.2
RE DISCCART	90.0	-220.0	1.2
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RE DISCCART	-60.0	-180.0	1.2
RE DISCCART	-50.0	-180.0	1.2
RE DISCCART	-40.0	-180.0	1.2
RE DISCCART	-30.0	-180.0	1.2
RE DISCCART	-25.0	-180.0	1.2
RE DISCCART	-20.0	-180.0	1.2

RE DISCCART	-17.0	-180.0	1.2
RE DISCCART	-15.0	-180.0	1.2
RE DISCCART	-13.0	-180.0	1.2
RE DISCCART	-11.0	-180.0	1.2
RE DISCCART	-9.0	-180.0	1.2
RE DISCCART	9.0	-180.0	1.2
RE DISCCART	11.0	-180.0	1.2
RE DISCCART	13.0	-180.0	1.2
RE DISCCART	15.0	-180.0	1.2
RE DISCCART	17.0	-180.0	1.2
RE DISCCART	20.0	-180.0	1.2
RE DISCCART	25.0	-180.0	1.2
RE DISCCART	30.0	-180.0	1.2
RE DISCCART	40.0	-180.0	1.2
RE DISCCART	50.0	-180.0	1.2
RE DISCCART	60.0	-180.0	1.2
RE DISCCART	70.0	-180.0	1.2
RE DISCCART	80.0	-180.0	1.2
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RE DISCCART	-17.0	-170.0	1.2
RE DISCCART	-15.0	-170.0	1.2
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RE DISCCART	9.0	-170.0	1.2
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RE DISCCART	-20.0	-140.0	1.2
RE DISCCART	-17.0	-140.0	1.2
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RE DISCCART	-11.0	-140.0	1.2
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RE DISCCART	9.0	-140.0	1.2
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RE DISCCART	30.0	-140.0	1.2
RE DISCCART	40.0	-140.0	1.2
RE DISCCART	50.0	-140.0	1.2
RE DISCCART	60.0	-140.0	1.2
RE DISCCART	70.0	-140.0	1.2
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RE DISCCART	100.0	-140.0	1.2
RE DISCCART	-100.0	-130.0	1.2
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RE DISCCART	-20.0	-130.0	1.2
RE DISCCART	-17.0	-130.0	1.2
RE DISCCART	-15.0	-130.0	1.2
RE DISCCART	-13.0	-130.0	1.2
RE DISCCART	-11.0	-130.0	1.2
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RE DISCCART	20.0	-130.0	1.2
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RE DISCCART	-11.0	160.0	1.2
RE DISCCART	-9.0	160.0	1.2
RE DISCCART	9.0	160.0	1.2
RE DISCCART	11.0	160.0	1.2
RE DISCCART	13.0	160.0	1.2
RE DISCCART	15.0	160.0	1.2
RE DISCCART	17.0	160.0	1.2
RE DISCCART	20.0	160.0	1.2
RE DISCCART	25.0	160.0	1.2
RE DISCCART	30.0	160.0	1.2
RE DISCCART	40.0	160.0	1.2
RE DISCCART	50.0	160.0	1.2
RE DISCCART	60.0	160.0	1.2
RE DISCCART	70.0	160.0	1.2
RE DISCCART	80.0	160.0	1.2
RE DISCCART	90.0	160.0	1.2
RE DISCCART	100.0	160.0	1.2
RE DISCCART	-100.0	170.0	1.2
RE DISCCART	-90.0	170.0	1.2
RE DISCCART	-80.0	170.0	1.2
RE DISCCART	-70.0	170.0	1.2
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RE DISCCART	-50.0	170.0	1.2
RE DISCCART	-40.0	170.0	1.2
RE DISCCART	-30.0	170.0	1.2
RE DISCCART	-25.0	170.0	1.2
RE DISCCART	-20.0	170.0	1.2
RE DISCCART	-17.0	170.0	1.2
RE DISCCART	-15.0	170.0	1.2
RE DISCCART	-13.0	170.0	1.2
RE DISCCART	-11.0	170.0	1.2
RE DISCCART	-9.0	170.0	1.2
RE DISCCART	9.0	170.0	1.2

RE DISCCART	11.0	170.0	1.2
RE DISCCART	13.0	170.0	1.2
RE DISCCART	15.0	170.0	1.2
RE DISCCART	17.0	170.0	1.2
RE DISCCART	20.0	170.0	1.2
RE DISCCART	25.0	170.0	1.2
RE DISCCART	30.0	170.0	1.2
RE DISCCART	40.0	170.0	1.2
RE DISCCART	50.0	170.0	1.2
RE DISCCART	60.0	170.0	1.2
RE DISCCART	70.0	170.0	1.2
RE DISCCART	80.0	170.0	1.2
RE DISCCART	90.0	170.0	1.2
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RE DISCCART	-80.0	180.0	1.2
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RE DISCCART	-60.0	180.0	1.2
RE DISCCART	-50.0	180.0	1.2
RE DISCCART	-40.0	180.0	1.2
RE DISCCART	-30.0	180.0	1.2
RE DISCCART	-25.0	180.0	1.2
RE DISCCART	-20.0	180.0	1.2
RE DISCCART	-17.0	180.0	1.2
RE DISCCART	-15.0	180.0	1.2
RE DISCCART	-13.0	180.0	1.2
RE DISCCART	-11.0	180.0	1.2
RE DISCCART	-9.0	180.0	1.2
RE DISCCART	9.0	180.0	1.2
RE DISCCART	11.0	180.0	1.2
RE DISCCART	13.0	180.0	1.2
RE DISCCART	15.0	180.0	1.2
RE DISCCART	17.0	180.0	1.2
RE DISCCART	20.0	180.0	1.2
RE DISCCART	25.0	180.0	1.2
RE DISCCART	30.0	180.0	1.2
RE DISCCART	40.0	180.0	1.2
RE DISCCART	50.0	180.0	1.2
RE DISCCART	60.0	180.0	1.2
RE DISCCART	70.0	180.0	1.2
RE DISCCART	80.0	180.0	1.2
RE DISCCART	90.0	180.0	1.2
RE DISCCART	100.0	180.0	1.2

RE DISCCART	-100.0	190.0	1.2
RE DISCCART	-90.0	190.0	1.2
RE DISCCART	-80.0	190.0	1.2
RE DISCCART	-70.0	190.0	1.2
RE DISCCART	-60.0	190.0	1.2
RE DISCCART	-50.0	190.0	1.2
RE DISCCART	-40.0	190.0	1.2
RE DISCCART	-30.0	190.0	1.2
RE DISCCART	-25.0	190.0	1.2
RE DISCCART	-20.0	190.0	1.2
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RE DISCCART	9.0	190.0	1.2
RE DISCCART	11.0	190.0	1.2
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RE DISCCART	-17.0	200.0	1.2
RE DISCCART	-15.0	200.0	1.2
RE DISCCART	-13.0	200.0	1.2
RE DISCCART	-11.0	200.0	1.2

RE DISCCART	-9.0	200.0	1.2
RE DISCCART	9.0	200.0	1.2
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RE DISCCART	13.0	200.0	1.2
RE DISCCART	15.0	200.0	1.2
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RE DISCCART	100.0	200.0	1.2
RE DISCCART	-100.0	210.0	1.2
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RE DISCCART	-80.0	210.0	1.2
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RE DISCCART	-50.0	210.0	1.2
RE DISCCART	-40.0	210.0	1.2
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RE DISCCART	-25.0	210.0	1.2
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RE DISCCART	-15.0	210.0	1.2
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RE DISCCART	-11.0	210.0	1.2
RE DISCCART	-9.0	210.0	1.2
RE DISCCART	9.0	210.0	1.2
RE DISCCART	11.0	210.0	1.2
RE DISCCART	13.0	210.0	1.2
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RE DISCCART	-30.0	220.0	1.2
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RE DISCCART	-11.0	220.0	1.2
RE DISCCART	-9.0	220.0	1.2
RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
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RE DISCCART	17.0	220.0	1.2
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RE DISCCART	30.0	220.0	1.2
RE DISCCART	40.0	220.0	1.2
RE DISCCART	50.0	220.0	1.2
RE DISCCART	60.0	220.0	1.2
RE DISCCART	70.0	220.0	1.2
RE DISCCART	80.0	220.0	1.2
RE DISCCART	90.0	220.0	1.2
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RE DISCCART	-80.0	230.0	1.2
RE DISCCART	-70.0	230.0	1.2
RE DISCCART	-60.0	230.0	1.2
RE DISCCART	-50.0	230.0	1.2
RE DISCCART	-40.0	230.0	1.2
RE DISCCART	-30.0	230.0	1.2
RE DISCCART	-25.0	230.0	1.2
RE DISCCART	-20.0	230.0	1.2
RE DISCCART	-17.0	230.0	1.2
RE DISCCART	-15.0	230.0	1.2

RE DISCCART	-13.0	230.0	1.2
RE DISCCART	-11.0	230.0	1.2
RE DISCCART	-9.0	230.0	1.2
RE DISCCART	9.0	230.0	1.2
RE DISCCART	11.0	230.0	1.2
RE DISCCART	13.0	230.0	1.2
RE DISCCART	15.0	230.0	1.2
RE DISCCART	17.0	230.0	1.2
RE DISCCART	20.0	230.0	1.2
RE DISCCART	25.0	230.0	1.2
RE DISCCART	30.0	230.0	1.2
RE DISCCART	40.0	230.0	1.2
RE DISCCART	50.0	230.0	1.2
RE DISCCART	60.0	230.0	1.2
RE DISCCART	70.0	230.0	1.2
RE DISCCART	80.0	230.0	1.2
RE DISCCART	90.0	230.0	1.2
RE DISCCART	100.0	230.0	1.2
RE DISCCART	-100.0	240.0	1.2
RE DISCCART	-90.0	240.0	1.2
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RE DISCCART	-70.0	240.0	1.2
RE DISCCART	-60.0	240.0	1.2
RE DISCCART	-50.0	240.0	1.2
RE DISCCART	-40.0	240.0	1.2
RE DISCCART	-30.0	240.0	1.2
RE DISCCART	-25.0	240.0	1.2
RE DISCCART	-20.0	240.0	1.2
RE DISCCART	-17.0	240.0	1.2
RE DISCCART	-15.0	240.0	1.2
RE DISCCART	-13.0	240.0	1.2
RE DISCCART	-11.0	240.0	1.2
RE DISCCART	-9.0	240.0	1.2
RE DISCCART	9.0	240.0	1.2
RE DISCCART	11.0	240.0	1.2
RE DISCCART	13.0	240.0	1.2
RE DISCCART	15.0	240.0	1.2
RE DISCCART	17.0	240.0	1.2
RE DISCCART	20.0	240.0	1.2
RE DISCCART	25.0	240.0	1.2
RE DISCCART	30.0	240.0	1.2
RE DISCCART	40.0	240.0	1.2
RE DISCCART	50.0	240.0	1.2
RE DISCCART	60.0	240.0	1.2

RE DISCCART 70.0 240.0 1.2
RE DISCCART 80.0 240.0 1.2
RE DISCCART 90.0 240.0 1.2
RE DISCCART 100.0 240.0 1.2
RE DISCCART -100.0 250.0 1.2
RE DISCCART -90.0 250.0 1.2
RE DISCCART -80.0 250.0 1.2
RE DISCCART -70.0 250.0 1.2
RE DISCCART -60.0 250.0 1.2
RE DISCCART -50.0 250.0 1.2
RE DISCCART -40.0 250.0 1.2
RE DISCCART -30.0 250.0 1.2
RE DISCCART -25.0 250.0 1.2
RE DISCCART -20.0 250.0 1.2
RE DISCCART -17.0 250.0 1.2
RE DISCCART -15.0 250.0 1.2
RE DISCCART -13.0 250.0 1.2
RE DISCCART -11.0 250.0 1.2
RE DISCCART -9.0 250.0 1.2
RE DISCCART 9.0 250.0 1.2
RE DISCCART 11.0 250.0 1.2
RE DISCCART 13.0 250.0 1.2
RE DISCCART 15.0 250.0 1.2
RE DISCCART 17.0 250.0 1.2
RE DISCCART 20.0 250.0 1.2
RE DISCCART 25.0 250.0 1.2
RE DISCCART 30.0 250.0 1.2
RE DISCCART 40.0 250.0 1.2
RE DISCCART 50.0 250.0 1.2
RE DISCCART 60.0 250.0 1.2
RE DISCCART 70.0 250.0 1.2
RE DISCCART 80.0 250.0 1.2
RE DISCCART 90.0 250.0 1.2
RE DISCCART 100.0 250.0 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Santa Rosa\ros04300.asc"

ME ANEMHGT 10 METERS

ME SURFDATA 9902 2004

ME UAIRDATA 9902 2004

ME STARTEND 2004 01 01 1 2004 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0
 ** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound.lst"
 ** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound.RAW"
 ** RAWFMT 2
 ** HILLBOUN 0 0 0 0

 *** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***
 18:47:46
 **MODELOPTs:
 PAGE 1
 CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
 **Model Uses NO DRY DEPLETION. DDPLETE = F
 **Model Uses NO WET DEPLETION. WDPLETE = F
 **NO WET SCAVENGING Data Provided.
 **NO GAS DRY DEPOSITION Data Provided.
 **Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
 1. Final Plume Rise.
 2. Stack-tip Downwash.
 3. Buoyancy-induced Dispersion.
 4. Use Calms Processing Routine.
 5. Not Use Missing Data Processing Routine.
 6. Default Wind Profile Exponents.
 7. Default Vertical Potential Temperature Gradients.
 8. "Upper Bound" Values for Supersquat Buildings.
 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
 Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
 m for Missing Hours
 b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =
 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\SANTAR-1\09NCRA-1.DAT

**Output Print File:

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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 CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY ID BY	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-4.5	135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S2	0	0.21100E-07	-4.5	45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S3	0	0.21100E-07	-4.5	-45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S4	0	0.21100E-07	-4.5	-135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S5	0	0.21100E-07	-4.5	-225.0	0.0	4.95	9.00	90.00	0.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
NCRA_S1	NCRA_S1 ,
NCRA_S2	NCRA_S2 ,
NCRA_S3	NCRA_S3 ,
NCRA_S4	NCRA_S4 ,
NCRA_S5	NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
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 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -250.0, 0.0, 1.2);	(-90.0, -250.0, 0.0, 1.2);
(-80.0, -250.0, 0.0, 1.2);	(-70.0, -250.0, 0.0, 1.2);
(-60.0, -250.0, 0.0, 1.2);	(-50.0, -250.0, 0.0, 1.2);
(-40.0, -250.0, 0.0, 1.2);	(-30.0, -250.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(-25.0, -250.0, 0.0, 1.2);	(-20.0, -250.0, 0.0, 1.2);
(-17.0, -250.0, 0.0, 1.2);	(-15.0, -250.0, 0.0, 1.2);
(-13.0, -250.0, 0.0, 1.2);	(-11.0, -250.0, 0.0, 1.2);
(-9.0, -250.0, 0.0, 1.2);	(9.0, -250.0, 0.0, 1.2);
(11.0, -250.0, 0.0, 1.2);	(13.0, -250.0, 0.0, 1.2);
(15.0, -250.0, 0.0, 1.2);	(17.0, -250.0, 0.0, 1.2);
(20.0, -250.0, 0.0, 1.2);	(25.0, -250.0, 0.0, 1.2);
(30.0, -250.0, 0.0, 1.2);	(40.0, -250.0, 0.0, 1.2);
(50.0, -250.0, 0.0, 1.2);	(60.0, -250.0, 0.0, 1.2);
(70.0, -250.0, 0.0, 1.2);	(80.0, -250.0, 0.0, 1.2);
(90.0, -250.0, 0.0, 1.2);	(100.0, -250.0, 0.0, 1.2);
(-100.0, -240.0, 0.0, 1.2);	(-90.0, -240.0, 0.0, 1.2);
(-80.0, -240.0, 0.0, 1.2);	(-70.0, -240.0, 0.0, 1.2);
(-60.0, -240.0, 0.0, 1.2);	(-50.0, -240.0, 0.0, 1.2);
(-40.0, -240.0, 0.0, 1.2);	(-30.0, -240.0, 0.0, 1.2);
(-25.0, -240.0, 0.0, 1.2);	(-20.0, -240.0, 0.0, 1.2);
(-17.0, -240.0, 0.0, 1.2);	(-15.0, -240.0, 0.0, 1.2);
(-13.0, -240.0, 0.0, 1.2);	(-11.0, -240.0, 0.0, 1.2);
(-9.0, -240.0, 0.0, 1.2);	(9.0, -240.0, 0.0, 1.2);
(11.0, -240.0, 0.0, 1.2);	(13.0, -240.0, 0.0, 1.2);
(15.0, -240.0, 0.0, 1.2);	(17.0, -240.0, 0.0, 1.2);
(20.0, -240.0, 0.0, 1.2);	(25.0, -240.0, 0.0, 1.2);
(30.0, -240.0, 0.0, 1.2);	(40.0, -240.0, 0.0, 1.2);
(50.0, -240.0, 0.0, 1.2);	(60.0, -240.0, 0.0, 1.2);
(70.0, -240.0, 0.0, 1.2);	(80.0, -240.0, 0.0, 1.2);
(90.0, -240.0, 0.0, 1.2);	(100.0, -240.0, 0.0, 1.2);
(-100.0, -230.0, 0.0, 1.2);	(-90.0, -230.0, 0.0, 1.2);
(-80.0, -230.0, 0.0, 1.2);	(-70.0, -230.0, 0.0, 1.2);
(-60.0, -230.0, 0.0, 1.2);	(-50.0, -230.0, 0.0, 1.2);
(-40.0, -230.0, 0.0, 1.2);	(-30.0, -230.0, 0.0, 1.2);
(-25.0, -230.0, 0.0, 1.2);	(-20.0, -230.0, 0.0, 1.2);
(-17.0, -230.0, 0.0, 1.2);	(-15.0, -230.0, 0.0, 1.2);
(-13.0, -230.0, 0.0, 1.2);	(-11.0, -230.0, 0.0, 1.2);
(-9.0, -230.0, 0.0, 1.2);	(9.0, -230.0, 0.0, 1.2);
(11.0, -230.0, 0.0, 1.2);	(13.0, -230.0, 0.0, 1.2);
(15.0, -230.0, 0.0, 1.2);	(17.0, -230.0, 0.0, 1.2);
(20.0, -230.0, 0.0, 1.2);	(25.0, -230.0, 0.0, 1.2);
(30.0, -230.0, 0.0, 1.2);	(40.0, -230.0, 0.0, 1.2);
(50.0, -230.0, 0.0, 1.2);	(60.0, -230.0, 0.0, 1.2);
(70.0, -230.0, 0.0, 1.2);	(80.0, -230.0, 0.0, 1.2);
(90.0, -230.0, 0.0, 1.2);	(100.0, -230.0, 0.0, 1.2);

1 *** ISCAST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTS:

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -220.0, 0.0, 1.2);	(-90.0, -220.0, 0.0, 1.2);
(-80.0, -220.0, 0.0, 1.2);	(-70.0, -220.0, 0.0, 1.2);
(-60.0, -220.0, 0.0, 1.2);	(-50.0, -220.0, 0.0, 1.2);
(-40.0, -220.0, 0.0, 1.2);	(-30.0, -220.0, 0.0, 1.2);
(-25.0, -220.0, 0.0, 1.2);	(-20.0, -220.0, 0.0, 1.2);
(-17.0, -220.0, 0.0, 1.2);	(-15.0, -220.0, 0.0, 1.2);
(-13.0, -220.0, 0.0, 1.2);	(-11.0, -220.0, 0.0, 1.2);
(-9.0, -220.0, 0.0, 1.2);	(9.0, -220.0, 0.0, 1.2);
(11.0, -220.0, 0.0, 1.2);	(13.0, -220.0, 0.0, 1.2);
(15.0, -220.0, 0.0, 1.2);	(17.0, -220.0, 0.0, 1.2);
(20.0, -220.0, 0.0, 1.2);	(25.0, -220.0, 0.0, 1.2);
(30.0, -220.0, 0.0, 1.2);	(40.0, -220.0, 0.0, 1.2);
(50.0, -220.0, 0.0, 1.2);	(60.0, -220.0, 0.0, 1.2);
(70.0, -220.0, 0.0, 1.2);	(80.0, -220.0, 0.0, 1.2);
(90.0, -220.0, 0.0, 1.2);	(100.0, -220.0, 0.0, 1.2);
(-100.0, -210.0, 0.0, 1.2);	(-90.0, -210.0, 0.0, 1.2);
(-80.0, -210.0, 0.0, 1.2);	(-70.0, -210.0, 0.0, 1.2);
(-60.0, -210.0, 0.0, 1.2);	(-50.0, -210.0, 0.0, 1.2);
(-40.0, -210.0, 0.0, 1.2);	(-30.0, -210.0, 0.0, 1.2);
(-25.0, -210.0, 0.0, 1.2);	(-20.0, -210.0, 0.0, 1.2);
(-17.0, -210.0, 0.0, 1.2);	(-15.0, -210.0, 0.0, 1.2);
(-13.0, -210.0, 0.0, 1.2);	(-11.0, -210.0, 0.0, 1.2);
(-9.0, -210.0, 0.0, 1.2);	(9.0, -210.0, 0.0, 1.2);
(11.0, -210.0, 0.0, 1.2);	(13.0, -210.0, 0.0, 1.2);
(15.0, -210.0, 0.0, 1.2);	(17.0, -210.0, 0.0, 1.2);
(20.0, -210.0, 0.0, 1.2);	(25.0, -210.0, 0.0, 1.2);
(30.0, -210.0, 0.0, 1.2);	(40.0, -210.0, 0.0, 1.2);
(50.0, -210.0, 0.0, 1.2);	(60.0, -210.0, 0.0, 1.2);
(70.0, -210.0, 0.0, 1.2);	(80.0, -210.0, 0.0, 1.2);
(90.0, -210.0, 0.0, 1.2);	(100.0, -210.0, 0.0, 1.2);
(-100.0, -200.0, 0.0, 1.2);	(-90.0, -200.0, 0.0, 1.2);
(-80.0, -200.0, 0.0, 1.2);	(-70.0, -200.0, 0.0, 1.2);
(-60.0, -200.0, 0.0, 1.2);	(-50.0, -200.0, 0.0, 1.2);
(-40.0, -200.0, 0.0, 1.2);	(-30.0, -200.0, 0.0, 1.2);
(-25.0, -200.0, 0.0, 1.2);	(-20.0, -200.0, 0.0, 1.2);
(-17.0, -200.0, 0.0, 1.2);	(-15.0, -200.0, 0.0, 1.2);
(-13.0, -200.0, 0.0, 1.2);	(-11.0, -200.0, 0.0, 1.2);
(-9.0, -200.0, 0.0, 1.2);	(9.0, -200.0, 0.0, 1.2);
(11.0, -200.0, 0.0, 1.2);	(13.0, -200.0, 0.0, 1.2);
(15.0, -200.0, 0.0, 1.2);	(17.0, -200.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(20.0, -200.0, 0.0, 1.2);	(25.0, -200.0, 0.0, 1.2);
(30.0, -200.0, 0.0, 1.2);	(40.0, -200.0, 0.0, 1.2);
(50.0, -200.0, 0.0, 1.2);	(60.0, -200.0, 0.0, 1.2);
(70.0, -200.0, 0.0, 1.2);	(80.0, -200.0, 0.0, 1.2);
(90.0, -200.0, 0.0, 1.2);	(100.0, -200.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -190.0, 0.0, 1.2);	(-90.0, -190.0, 0.0, 1.2);
(-80.0, -190.0, 0.0, 1.2);	(-70.0, -190.0, 0.0, 1.2);
(-60.0, -190.0, 0.0, 1.2);	(-50.0, -190.0, 0.0, 1.2);
(-40.0, -190.0, 0.0, 1.2);	(-30.0, -190.0, 0.0, 1.2);
(-25.0, -190.0, 0.0, 1.2);	(-20.0, -190.0, 0.0, 1.2);
(-17.0, -190.0, 0.0, 1.2);	(-15.0, -190.0, 0.0, 1.2);
(-13.0, -190.0, 0.0, 1.2);	(-11.0, -190.0, 0.0, 1.2);
(-9.0, -190.0, 0.0, 1.2);	(9.0, -190.0, 0.0, 1.2);
(11.0, -190.0, 0.0, 1.2);	(13.0, -190.0, 0.0, 1.2);
(15.0, -190.0, 0.0, 1.2);	(17.0, -190.0, 0.0, 1.2);
(20.0, -190.0, 0.0, 1.2);	(25.0, -190.0, 0.0, 1.2);
(30.0, -190.0, 0.0, 1.2);	(40.0, -190.0, 0.0, 1.2);
(50.0, -190.0, 0.0, 1.2);	(60.0, -190.0, 0.0, 1.2);
(70.0, -190.0, 0.0, 1.2);	(80.0, -190.0, 0.0, 1.2);
(90.0, -190.0, 0.0, 1.2);	(100.0, -190.0, 0.0, 1.2);
(-100.0, -180.0, 0.0, 1.2);	(-90.0, -180.0, 0.0, 1.2);
(-80.0, -180.0, 0.0, 1.2);	(-70.0, -180.0, 0.0, 1.2);
(-60.0, -180.0, 0.0, 1.2);	(-50.0, -180.0, 0.0, 1.2);
(-40.0, -180.0, 0.0, 1.2);	(-30.0, -180.0, 0.0, 1.2);
(-25.0, -180.0, 0.0, 1.2);	(-20.0, -180.0, 0.0, 1.2);
(-17.0, -180.0, 0.0, 1.2);	(-15.0, -180.0, 0.0, 1.2);
(-13.0, -180.0, 0.0, 1.2);	(-11.0, -180.0, 0.0, 1.2);
(-9.0, -180.0, 0.0, 1.2);	(9.0, -180.0, 0.0, 1.2);
(11.0, -180.0, 0.0, 1.2);	(13.0, -180.0, 0.0, 1.2);
(15.0, -180.0, 0.0, 1.2);	(17.0, -180.0, 0.0, 1.2);
(20.0, -180.0, 0.0, 1.2);	(25.0, -180.0, 0.0, 1.2);
(30.0, -180.0, 0.0, 1.2);	(40.0, -180.0, 0.0, 1.2);
(50.0, -180.0, 0.0, 1.2);	(60.0, -180.0, 0.0, 1.2);
(70.0, -180.0, 0.0, 1.2);	(80.0, -180.0, 0.0, 1.2);
(90.0, -180.0, 0.0, 1.2);	(100.0, -180.0, 0.0, 1.2);
(-100.0, -170.0, 0.0, 1.2);	(-90.0, -170.0, 0.0, 1.2);
(-80.0, -170.0, 0.0, 1.2);	(-70.0, -170.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(-60.0, -170.0, 0.0, 1.2);	(-50.0, -170.0, 0.0, 1.2);
(-40.0, -170.0, 0.0, 1.2);	(-30.0, -170.0, 0.0, 1.2);
(-25.0, -170.0, 0.0, 1.2);	(-20.0, -170.0, 0.0, 1.2);
(-17.0, -170.0, 0.0, 1.2);	(-15.0, -170.0, 0.0, 1.2);
(-13.0, -170.0, 0.0, 1.2);	(-11.0, -170.0, 0.0, 1.2);
(-9.0, -170.0, 0.0, 1.2);	(9.0, -170.0, 0.0, 1.2);
(11.0, -170.0, 0.0, 1.2);	(13.0, -170.0, 0.0, 1.2);
(15.0, -170.0, 0.0, 1.2);	(17.0, -170.0, 0.0, 1.2);
(20.0, -170.0, 0.0, 1.2);	(25.0, -170.0, 0.0, 1.2);
(30.0, -170.0, 0.0, 1.2);	(40.0, -170.0, 0.0, 1.2);
(50.0, -170.0, 0.0, 1.2);	(60.0, -170.0, 0.0, 1.2);
(70.0, -170.0, 0.0, 1.2);	(80.0, -170.0, 0.0, 1.2);
(90.0, -170.0, 0.0, 1.2);	(100.0, -170.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -160.0, 0.0, 1.2);	(-90.0, -160.0, 0.0, 1.2);
(-80.0, -160.0, 0.0, 1.2);	(-70.0, -160.0, 0.0, 1.2);
(-60.0, -160.0, 0.0, 1.2);	(-50.0, -160.0, 0.0, 1.2);
(-40.0, -160.0, 0.0, 1.2);	(-30.0, -160.0, 0.0, 1.2);
(-25.0, -160.0, 0.0, 1.2);	(-20.0, -160.0, 0.0, 1.2);
(-17.0, -160.0, 0.0, 1.2);	(-15.0, -160.0, 0.0, 1.2);
(-13.0, -160.0, 0.0, 1.2);	(-11.0, -160.0, 0.0, 1.2);
(-9.0, -160.0, 0.0, 1.2);	(9.0, -160.0, 0.0, 1.2);
(11.0, -160.0, 0.0, 1.2);	(13.0, -160.0, 0.0, 1.2);
(15.0, -160.0, 0.0, 1.2);	(17.0, -160.0, 0.0, 1.2);
(20.0, -160.0, 0.0, 1.2);	(25.0, -160.0, 0.0, 1.2);
(30.0, -160.0, 0.0, 1.2);	(40.0, -160.0, 0.0, 1.2);
(50.0, -160.0, 0.0, 1.2);	(60.0, -160.0, 0.0, 1.2);
(70.0, -160.0, 0.0, 1.2);	(80.0, -160.0, 0.0, 1.2);
(90.0, -160.0, 0.0, 1.2);	(100.0, -160.0, 0.0, 1.2);
(-100.0, -150.0, 0.0, 1.2);	(-90.0, -150.0, 0.0, 1.2);
(-80.0, -150.0, 0.0, 1.2);	(-70.0, -150.0, 0.0, 1.2);
(-60.0, -150.0, 0.0, 1.2);	(-50.0, -150.0, 0.0, 1.2);
(-40.0, -150.0, 0.0, 1.2);	(-30.0, -150.0, 0.0, 1.2);
(-25.0, -150.0, 0.0, 1.2);	(-20.0, -150.0, 0.0, 1.2);
(-17.0, -150.0, 0.0, 1.2);	(-15.0, -150.0, 0.0, 1.2);
(-13.0, -150.0, 0.0, 1.2);	(-11.0, -150.0, 0.0, 1.2);
(-9.0, -150.0, 0.0, 1.2);	(9.0, -150.0, 0.0, 1.2);
(11.0, -150.0, 0.0, 1.2);	(13.0, -150.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(15.0, -150.0, 0.0, 1.2);	(17.0, -150.0, 0.0, 1.2);
(20.0, -150.0, 0.0, 1.2);	(25.0, -150.0, 0.0, 1.2);
(30.0, -150.0, 0.0, 1.2);	(40.0, -150.0, 0.0, 1.2);
(50.0, -150.0, 0.0, 1.2);	(60.0, -150.0, 0.0, 1.2);
(70.0, -150.0, 0.0, 1.2);	(80.0, -150.0, 0.0, 1.2);
(90.0, -150.0, 0.0, 1.2);	(100.0, -150.0, 0.0, 1.2);
(-100.0, -140.0, 0.0, 1.2);	(-90.0, -140.0, 0.0, 1.2);
(-80.0, -140.0, 0.0, 1.2);	(-70.0, -140.0, 0.0, 1.2);
(-60.0, -140.0, 0.0, 1.2);	(-50.0, -140.0, 0.0, 1.2);
(-40.0, -140.0, 0.0, 1.2);	(-30.0, -140.0, 0.0, 1.2);
(-25.0, -140.0, 0.0, 1.2);	(-20.0, -140.0, 0.0, 1.2);
(-17.0, -140.0, 0.0, 1.2);	(-15.0, -140.0, 0.0, 1.2);
(-13.0, -140.0, 0.0, 1.2);	(-11.0, -140.0, 0.0, 1.2);
(-9.0, -140.0, 0.0, 1.2);	(9.0, -140.0, 0.0, 1.2);
(11.0, -140.0, 0.0, 1.2);	(13.0, -140.0, 0.0, 1.2);
(15.0, -140.0, 0.0, 1.2);	(17.0, -140.0, 0.0, 1.2);
(20.0, -140.0, 0.0, 1.2);	(25.0, -140.0, 0.0, 1.2);
(30.0, -140.0, 0.0, 1.2);	(40.0, -140.0, 0.0, 1.2);
(50.0, -140.0, 0.0, 1.2);	(60.0, -140.0, 0.0, 1.2);
(70.0, -140.0, 0.0, 1.2);	(80.0, -140.0, 0.0, 1.2);
(90.0, -140.0, 0.0, 1.2);	(100.0, -140.0, 0.0, 1.2);

1 *** ICSST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

18:47:46

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -130.0, 0.0, 1.2);	(-90.0, -130.0, 0.0, 1.2);
(-80.0, -130.0, 0.0, 1.2);	(-70.0, -130.0, 0.0, 1.2);
(-60.0, -130.0, 0.0, 1.2);	(-50.0, -130.0, 0.0, 1.2);
(-40.0, -130.0, 0.0, 1.2);	(-30.0, -130.0, 0.0, 1.2);
(-25.0, -130.0, 0.0, 1.2);	(-20.0, -130.0, 0.0, 1.2);
(-17.0, -130.0, 0.0, 1.2);	(-15.0, -130.0, 0.0, 1.2);
(-13.0, -130.0, 0.0, 1.2);	(-11.0, -130.0, 0.0, 1.2);
(-9.0, -130.0, 0.0, 1.2);	(9.0, -130.0, 0.0, 1.2);
(11.0, -130.0, 0.0, 1.2);	(13.0, -130.0, 0.0, 1.2);
(15.0, -130.0, 0.0, 1.2);	(17.0, -130.0, 0.0, 1.2);
(20.0, -130.0, 0.0, 1.2);	(25.0, -130.0, 0.0, 1.2);
(30.0, -130.0, 0.0, 1.2);	(40.0, -130.0, 0.0, 1.2);
(50.0, -130.0, 0.0, 1.2);	(60.0, -130.0, 0.0, 1.2);
(70.0, -130.0, 0.0, 1.2);	(80.0, -130.0, 0.0, 1.2);
(90.0, -130.0, 0.0, 1.2);	(100.0, -130.0, 0.0, 1.2);
(-100.0, -120.0, 0.0, 1.2);	(-90.0, -120.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(-80.0, -120.0, 0.0, 1.2);	(-70.0, -120.0, 0.0, 1.2);
(-60.0, -120.0, 0.0, 1.2);	(-50.0, -120.0, 0.0, 1.2);
(-40.0, -120.0, 0.0, 1.2);	(-30.0, -120.0, 0.0, 1.2);
(-25.0, -120.0, 0.0, 1.2);	(-20.0, -120.0, 0.0, 1.2);
(-17.0, -120.0, 0.0, 1.2);	(-15.0, -120.0, 0.0, 1.2);
(-13.0, -120.0, 0.0, 1.2);	(-11.0, -120.0, 0.0, 1.2);
(-9.0, -120.0, 0.0, 1.2);	(9.0, -120.0, 0.0, 1.2);
(11.0, -120.0, 0.0, 1.2);	(13.0, -120.0, 0.0, 1.2);
(15.0, -120.0, 0.0, 1.2);	(17.0, -120.0, 0.0, 1.2);
(20.0, -120.0, 0.0, 1.2);	(25.0, -120.0, 0.0, 1.2);
(30.0, -120.0, 0.0, 1.2);	(40.0, -120.0, 0.0, 1.2);
(50.0, -120.0, 0.0, 1.2);	(60.0, -120.0, 0.0, 1.2);
(70.0, -120.0, 0.0, 1.2);	(80.0, -120.0, 0.0, 1.2);
(90.0, -120.0, 0.0, 1.2);	(100.0, -120.0, 0.0, 1.2);
(-100.0, -110.0, 0.0, 1.2);	(-90.0, -110.0, 0.0, 1.2);
(-80.0, -110.0, 0.0, 1.2);	(-70.0, -110.0, 0.0, 1.2);
(-60.0, -110.0, 0.0, 1.2);	(-50.0, -110.0, 0.0, 1.2);
(-40.0, -110.0, 0.0, 1.2);	(-30.0, -110.0, 0.0, 1.2);
(-25.0, -110.0, 0.0, 1.2);	(-20.0, -110.0, 0.0, 1.2);
(-17.0, -110.0, 0.0, 1.2);	(-15.0, -110.0, 0.0, 1.2);
(-13.0, -110.0, 0.0, 1.2);	(-11.0, -110.0, 0.0, 1.2);
(-9.0, -110.0, 0.0, 1.2);	(9.0, -110.0, 0.0, 1.2);
(11.0, -110.0, 0.0, 1.2);	(13.0, -110.0, 0.0, 1.2);
(15.0, -110.0, 0.0, 1.2);	(17.0, -110.0, 0.0, 1.2);
(20.0, -110.0, 0.0, 1.2);	(25.0, -110.0, 0.0, 1.2);
(30.0, -110.0, 0.0, 1.2);	(40.0, -110.0, 0.0, 1.2);
(50.0, -110.0, 0.0, 1.2);	(60.0, -110.0, 0.0, 1.2);
(70.0, -110.0, 0.0, 1.2);	(80.0, -110.0, 0.0, 1.2);
(90.0, -110.0, 0.0, 1.2);	(100.0, -110.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 9

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -100.0, 0.0, 1.2);	(-90.0, -100.0, 0.0, 1.2);
(-80.0, -100.0, 0.0, 1.2);	(-70.0, -100.0, 0.0, 1.2);
(-60.0, -100.0, 0.0, 1.2);	(-50.0, -100.0, 0.0, 1.2);
(-40.0, -100.0, 0.0, 1.2);	(-30.0, -100.0, 0.0, 1.2);
(-25.0, -100.0, 0.0, 1.2);	(-20.0, -100.0, 0.0, 1.2);
(-17.0, -100.0, 0.0, 1.2);	(-15.0, -100.0, 0.0, 1.2);
(-13.0, -100.0, 0.0, 1.2);	(-11.0, -100.0, 0.0, 1.2);
(-9.0, -100.0, 0.0, 1.2);	(9.0, -100.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(11.0, -100.0, 0.0, 1.2);	(13.0, -100.0, 0.0, 1.2);
(15.0, -100.0, 0.0, 1.2);	(17.0, -100.0, 0.0, 1.2);
(20.0, -100.0, 0.0, 1.2);	(25.0, -100.0, 0.0, 1.2);
(30.0, -100.0, 0.0, 1.2);	(40.0, -100.0, 0.0, 1.2);
(50.0, -100.0, 0.0, 1.2);	(60.0, -100.0, 0.0, 1.2);
(70.0, -100.0, 0.0, 1.2);	(80.0, -100.0, 0.0, 1.2);
(90.0, -100.0, 0.0, 1.2);	(100.0, -100.0, 0.0, 1.2);
(-100.0, -90.0, 0.0, 1.2);	(-90.0, -90.0, 0.0, 1.2);
(-80.0, -90.0, 0.0, 1.2);	(-70.0, -90.0, 0.0, 1.2);
(-60.0, -90.0, 0.0, 1.2);	(-50.0, -90.0, 0.0, 1.2);
(-40.0, -90.0, 0.0, 1.2);	(-30.0, -90.0, 0.0, 1.2);
(-25.0, -90.0, 0.0, 1.2);	(-20.0, -90.0, 0.0, 1.2);
(-17.0, -90.0, 0.0, 1.2);	(-15.0, -90.0, 0.0, 1.2);
(-13.0, -90.0, 0.0, 1.2);	(-11.0, -90.0, 0.0, 1.2);
(-9.0, -90.0, 0.0, 1.2);	(9.0, -90.0, 0.0, 1.2);
(11.0, -90.0, 0.0, 1.2);	(13.0, -90.0, 0.0, 1.2);
(15.0, -90.0, 0.0, 1.2);	(17.0, -90.0, 0.0, 1.2);
(20.0, -90.0, 0.0, 1.2);	(25.0, -90.0, 0.0, 1.2);
(30.0, -90.0, 0.0, 1.2);	(40.0, -90.0, 0.0, 1.2);
(50.0, -90.0, 0.0, 1.2);	(60.0, -90.0, 0.0, 1.2);
(70.0, -90.0, 0.0, 1.2);	(80.0, -90.0, 0.0, 1.2);
(90.0, -90.0, 0.0, 1.2);	(100.0, -90.0, 0.0, 1.2);
(-100.0, -80.0, 0.0, 1.2);	(-90.0, -80.0, 0.0, 1.2);
(-80.0, -80.0, 0.0, 1.2);	(-70.0, -80.0, 0.0, 1.2);
(-60.0, -80.0, 0.0, 1.2);	(-50.0, -80.0, 0.0, 1.2);
(-40.0, -80.0, 0.0, 1.2);	(-30.0, -80.0, 0.0, 1.2);
(-25.0, -80.0, 0.0, 1.2);	(-20.0, -80.0, 0.0, 1.2);
(-17.0, -80.0, 0.0, 1.2);	(-15.0, -80.0, 0.0, 1.2);
(-13.0, -80.0, 0.0, 1.2);	(-11.0, -80.0, 0.0, 1.2);
(-9.0, -80.0, 0.0, 1.2);	(9.0, -80.0, 0.0, 1.2);
(11.0, -80.0, 0.0, 1.2);	(13.0, -80.0, 0.0, 1.2);
(15.0, -80.0, 0.0, 1.2);	(17.0, -80.0, 0.0, 1.2);
(20.0, -80.0, 0.0, 1.2);	(25.0, -80.0, 0.0, 1.2);
(30.0, -80.0, 0.0, 1.2);	(40.0, -80.0, 0.0, 1.2);
(50.0, -80.0, 0.0, 1.2);	(60.0, -80.0, 0.0, 1.2);
(70.0, -80.0, 0.0, 1.2);	(80.0, -80.0, 0.0, 1.2);
(90.0, -80.0, 0.0, 1.2);	(100.0, -80.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
PAGE 10

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(-100.0, -70.0, 0.0, 1.2);	(-90.0, -70.0, 0.0, 1.2);
(-80.0, -70.0, 0.0, 1.2);	(-70.0, -70.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-50.0, -70.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2);	(-30.0, -70.0, 0.0, 1.2);
(-25.0, -70.0, 0.0, 1.2);	(-20.0, -70.0, 0.0, 1.2);
(-17.0, -70.0, 0.0, 1.2);	(-15.0, -70.0, 0.0, 1.2);
(-13.0, -70.0, 0.0, 1.2);	(-11.0, -70.0, 0.0, 1.2);
(-9.0, -70.0, 0.0, 1.2);	(9.0, -70.0, 0.0, 1.2);
(11.0, -70.0, 0.0, 1.2);	(13.0, -70.0, 0.0, 1.2);
(15.0, -70.0, 0.0, 1.2);	(17.0, -70.0, 0.0, 1.2);
(20.0, -70.0, 0.0, 1.2);	(25.0, -70.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(40.0, -70.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(60.0, -70.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(80.0, -70.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(100.0, -70.0, 0.0, 1.2);
(-100.0, -60.0, 0.0, 1.2);	(-90.0, -60.0, 0.0, 1.2);
(-80.0, -60.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-60.0, -60.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);
(-40.0, -60.0, 0.0, 1.2);	(-30.0, -60.0, 0.0, 1.2);
(-25.0, -60.0, 0.0, 1.2);	(-20.0, -60.0, 0.0, 1.2);
(-17.0, -60.0, 0.0, 1.2);	(-15.0, -60.0, 0.0, 1.2);
(-13.0, -60.0, 0.0, 1.2);	(-11.0, -60.0, 0.0, 1.2);
(-9.0, -60.0, 0.0, 1.2);	(9.0, -60.0, 0.0, 1.2);
(11.0, -60.0, 0.0, 1.2);	(13.0, -60.0, 0.0, 1.2);
(15.0, -60.0, 0.0, 1.2);	(17.0, -60.0, 0.0, 1.2);
(20.0, -60.0, 0.0, 1.2);	(25.0, -60.0, 0.0, 1.2);
(30.0, -60.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(50.0, -60.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(70.0, -60.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(90.0, -60.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(-100.0, -50.0, 0.0, 1.2);	(-90.0, -50.0, 0.0, 1.2);
(-80.0, -50.0, 0.0, 1.2);	(-70.0, -50.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-50.0, -50.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2);	(-30.0, -50.0, 0.0, 1.2);
(-25.0, -50.0, 0.0, 1.2);	(-20.0, -50.0, 0.0, 1.2);
(-17.0, -50.0, 0.0, 1.2);	(-15.0, -50.0, 0.0, 1.2);
(-13.0, -50.0, 0.0, 1.2);	(-11.0, -50.0, 0.0, 1.2);
(-9.0, -50.0, 0.0, 1.2);	(9.0, -50.0, 0.0, 1.2);
(11.0, -50.0, 0.0, 1.2);	(13.0, -50.0, 0.0, 1.2);
(15.0, -50.0, 0.0, 1.2);	(17.0, -50.0, 0.0, 1.2);
(20.0, -50.0, 0.0, 1.2);	(25.0, -50.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(40.0, -50.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(60.0, -50.0, 0.0, 1.2);
(70.0, -50.0, 0.0, 1.2);	(80.0, -50.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(90.0, -50.0, 0.0, 1.2); (100.0, -50.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:

PAGE 11

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -40.0, 0.0, 1.2);	(-90.0, -40.0, 0.0, 1.2);
(-80.0, -40.0, 0.0, 1.2);	(-70.0, -40.0, 0.0, 1.2);
(-60.0, -40.0, 0.0, 1.2);	(-50.0, -40.0, 0.0, 1.2);
(-40.0, -40.0, 0.0, 1.2);	(-30.0, -40.0, 0.0, 1.2);
(-25.0, -40.0, 0.0, 1.2);	(-20.0, -40.0, 0.0, 1.2);
(-17.0, -40.0, 0.0, 1.2);	(-15.0, -40.0, 0.0, 1.2);
(-13.0, -40.0, 0.0, 1.2);	(-11.0, -40.0, 0.0, 1.2);
(-9.0, -40.0, 0.0, 1.2);	(9.0, -40.0, 0.0, 1.2);
(11.0, -40.0, 0.0, 1.2);	(13.0, -40.0, 0.0, 1.2);
(15.0, -40.0, 0.0, 1.2);	(17.0, -40.0, 0.0, 1.2);
(20.0, -40.0, 0.0, 1.2);	(25.0, -40.0, 0.0, 1.2);
(30.0, -40.0, 0.0, 1.2);	(40.0, -40.0, 0.0, 1.2);
(50.0, -40.0, 0.0, 1.2);	(60.0, -40.0, 0.0, 1.2);
(70.0, -40.0, 0.0, 1.2);	(80.0, -40.0, 0.0, 1.2);
(90.0, -40.0, 0.0, 1.2);	(100.0, -40.0, 0.0, 1.2);
(-100.0, -30.0, 0.0, 1.2);	(-90.0, -30.0, 0.0, 1.2);
(-80.0, -30.0, 0.0, 1.2);	(-70.0, -30.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2);	(-50.0, -30.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2);	(-30.0, -30.0, 0.0, 1.2);
(-25.0, -30.0, 0.0, 1.2);	(-20.0, -30.0, 0.0, 1.2);
(-17.0, -30.0, 0.0, 1.2);	(-15.0, -30.0, 0.0, 1.2);
(-13.0, -30.0, 0.0, 1.2);	(-11.0, -30.0, 0.0, 1.2);
(-9.0, -30.0, 0.0, 1.2);	(9.0, -30.0, 0.0, 1.2);
(11.0, -30.0, 0.0, 1.2);	(13.0, -30.0, 0.0, 1.2);
(15.0, -30.0, 0.0, 1.2);	(17.0, -30.0, 0.0, 1.2);
(20.0, -30.0, 0.0, 1.2);	(25.0, -30.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2);	(40.0, -30.0, 0.0, 1.2);
(50.0, -30.0, 0.0, 1.2);	(60.0, -30.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2);	(80.0, -30.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2);	(100.0, -30.0, 0.0, 1.2);
(-100.0, -20.0, 0.0, 1.2);	(-90.0, -20.0, 0.0, 1.2);
(-80.0, -20.0, 0.0, 1.2);	(-70.0, -20.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2);	(-50.0, -20.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2);	(-30.0, -20.0, 0.0, 1.2);
(-25.0, -20.0, 0.0, 1.2);	(-20.0, -20.0, 0.0, 1.2);
(-17.0, -20.0, 0.0, 1.2);	(-15.0, -20.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(-13.0,	-20.0,	0.0,	1.2);	(-11.0,	-20.0,	0.0,	1.2);
(-9.0,	-20.0,	0.0,	1.2);	(9.0,	-20.0,	0.0,	1.2);
(11.0,	-20.0,	0.0,	1.2);	(13.0,	-20.0,	0.0,	1.2);
(15.0,	-20.0,	0.0,	1.2);	(17.0,	-20.0,	0.0,	1.2);
(20.0,	-20.0,	0.0,	1.2);	(25.0,	-20.0,	0.0,	1.2);
(30.0,	-20.0,	0.0,	1.2);	(40.0,	-20.0,	0.0,	1.2);
(50.0,	-20.0,	0.0,	1.2);	(60.0,	-20.0,	0.0,	1.2);
(70.0,	-20.0,	0.0,	1.2);	(80.0,	-20.0,	0.0,	1.2);
(90.0,	-20.0,	0.0,	1.2);	(100.0,	-20.0,	0.0,	1.2);

1 *** ICSCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-10.0,	0.0,	1.2);	(-90.0,	-10.0,	0.0,	1.2);
(-80.0,	-10.0,	0.0,	1.2);	(-70.0,	-10.0,	0.0,	1.2);
(-60.0,	-10.0,	0.0,	1.2);	(-50.0,	-10.0,	0.0,	1.2);
(-40.0,	-10.0,	0.0,	1.2);	(-30.0,	-10.0,	0.0,	1.2);
(-25.0,	-10.0,	0.0,	1.2);	(-20.0,	-10.0,	0.0,	1.2);
(-17.0,	-10.0,	0.0,	1.2);	(-15.0,	-10.0,	0.0,	1.2);
(-13.0,	-10.0,	0.0,	1.2);	(-11.0,	-10.0,	0.0,	1.2);
(-9.0,	-10.0,	0.0,	1.2);	(9.0,	-10.0,	0.0,	1.2);
(11.0,	-10.0,	0.0,	1.2);	(13.0,	-10.0,	0.0,	1.2);
(15.0,	-10.0,	0.0,	1.2);	(17.0,	-10.0,	0.0,	1.2);
(20.0,	-10.0,	0.0,	1.2);	(25.0,	-10.0,	0.0,	1.2);
(30.0,	-10.0,	0.0,	1.2);	(40.0,	-10.0,	0.0,	1.2);
(50.0,	-10.0,	0.0,	1.2);	(60.0,	-10.0,	0.0,	1.2);
(70.0,	-10.0,	0.0,	1.2);	(80.0,	-10.0,	0.0,	1.2);
(90.0,	-10.0,	0.0,	1.2);	(100.0,	-10.0,	0.0,	1.2);
(-100.0,	0.0,	0.0,	1.2);	(-90.0,	0.0,	0.0,	1.2);
(-80.0,	0.0,	0.0,	1.2);	(-70.0,	0.0,	0.0,	1.2);
(-60.0,	0.0,	0.0,	1.2);	(-50.0,	0.0,	0.0,	1.2);
(-40.0,	0.0,	0.0,	1.2);	(-30.0,	0.0,	0.0,	1.2);
(-25.0,	0.0,	0.0,	1.2);	(-20.0,	0.0,	0.0,	1.2);
(-17.0,	0.0,	0.0,	1.2);	(-15.0,	0.0,	0.0,	1.2);
(-13.0,	0.0,	0.0,	1.2);	(-11.0,	0.0,	0.0,	1.2);
(-9.0,	0.0,	0.0,	1.2);	(9.0,	0.0,	0.0,	1.2);
(11.0,	0.0,	0.0,	1.2);	(13.0,	0.0,	0.0,	1.2);
(15.0,	0.0,	0.0,	1.2);	(17.0,	0.0,	0.0,	1.2);
(20.0,	0.0,	0.0,	1.2);	(25.0,	0.0,	0.0,	1.2);
(30.0,	0.0,	0.0,	1.2);	(40.0,	0.0,	0.0,	1.2);
(50.0,	0.0,	0.0,	1.2);	(60.0,	0.0,	0.0,	1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(70.0,	0.0,	0.0,	1.2);	(80.0,	0.0,	0.0,	1.2);
(90.0,	0.0,	0.0,	1.2);	(100.0,	0.0,	0.0,	1.2);
(-100.0,	10.0,	0.0,	1.2);	(-90.0,	10.0,	0.0,	1.2);
(-80.0,	10.0,	0.0,	1.2);	(-70.0,	10.0,	0.0,	1.2);
(-60.0,	10.0,	0.0,	1.2);	(-50.0,	10.0,	0.0,	1.2);
(-40.0,	10.0,	0.0,	1.2);	(-30.0,	10.0,	0.0,	1.2);
(-25.0,	10.0,	0.0,	1.2);	(-20.0,	10.0,	0.0,	1.2);
(-17.0,	10.0,	0.0,	1.2);	(-15.0,	10.0,	0.0,	1.2);
(-13.0,	10.0,	0.0,	1.2);	(-11.0,	10.0,	0.0,	1.2);
(-9.0,	10.0,	0.0,	1.2);	(9.0,	10.0,	0.0,	1.2);
(11.0,	10.0,	0.0,	1.2);	(13.0,	10.0,	0.0,	1.2);
(15.0,	10.0,	0.0,	1.2);	(17.0,	10.0,	0.0,	1.2);
(20.0,	10.0,	0.0,	1.2);	(25.0,	10.0,	0.0,	1.2);
(30.0,	10.0,	0.0,	1.2);	(40.0,	10.0,	0.0,	1.2);
(50.0,	10.0,	0.0,	1.2);	(60.0,	10.0,	0.0,	1.2);
(70.0,	10.0,	0.0,	1.2);	(80.0,	10.0,	0.0,	1.2);
(90.0,	10.0,	0.0,	1.2);	(100.0,	10.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

18:47:46

**MODELOPTs:
PAGE 13

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	20.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-80.0,	20.0,	0.0,	1.2);	(-70.0,	20.0,	0.0,	1.2);
(-60.0,	20.0,	0.0,	1.2);	(-50.0,	20.0,	0.0,	1.2);
(-40.0,	20.0,	0.0,	1.2);	(-30.0,	20.0,	0.0,	1.2);
(-25.0,	20.0,	0.0,	1.2);	(-20.0,	20.0,	0.0,	1.2);
(-17.0,	20.0,	0.0,	1.2);	(-15.0,	20.0,	0.0,	1.2);
(-13.0,	20.0,	0.0,	1.2);	(-11.0,	20.0,	0.0,	1.2);
(-9.0,	20.0,	0.0,	1.2);	(9.0,	20.0,	0.0,	1.2);
(11.0,	20.0,	0.0,	1.2);	(13.0,	20.0,	0.0,	1.2);
(15.0,	20.0,	0.0,	1.2);	(17.0,	20.0,	0.0,	1.2);
(20.0,	20.0,	0.0,	1.2);	(25.0,	20.0,	0.0,	1.2);
(30.0,	20.0,	0.0,	1.2);	(40.0,	20.0,	0.0,	1.2);
(50.0,	20.0,	0.0,	1.2);	(60.0,	20.0,	0.0,	1.2);
(70.0,	20.0,	0.0,	1.2);	(80.0,	20.0,	0.0,	1.2);
(90.0,	20.0,	0.0,	1.2);	(100.0,	20.0,	0.0,	1.2);
(-100.0,	30.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-80.0,	30.0,	0.0,	1.2);	(-70.0,	30.0,	0.0,	1.2);
(-60.0,	30.0,	0.0,	1.2);	(-50.0,	30.0,	0.0,	1.2);
(-40.0,	30.0,	0.0,	1.2);	(-30.0,	30.0,	0.0,	1.2);
(-25.0,	30.0,	0.0,	1.2);	(-20.0,	30.0,	0.0,	1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(-17.0,	30.0,	0.0,	1.2);	(-15.0,	30.0,	0.0,	1.2);
(-13.0,	30.0,	0.0,	1.2);	(-11.0,	30.0,	0.0,	1.2);
(-9.0,	30.0,	0.0,	1.2);	(9.0,	30.0,	0.0,	1.2);
(11.0,	30.0,	0.0,	1.2);	(13.0,	30.0,	0.0,	1.2);
(15.0,	30.0,	0.0,	1.2);	(17.0,	30.0,	0.0,	1.2);
(20.0,	30.0,	0.0,	1.2);	(25.0,	30.0,	0.0,	1.2);
(30.0,	30.0,	0.0,	1.2);	(40.0,	30.0,	0.0,	1.2);
(50.0,	30.0,	0.0,	1.2);	(60.0,	30.0,	0.0,	1.2);
(70.0,	30.0,	0.0,	1.2);	(80.0,	30.0,	0.0,	1.2);
(90.0,	30.0,	0.0,	1.2);	(100.0,	30.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-90.0,	40.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-70.0,	40.0,	0.0,	1.2);
(-60.0,	40.0,	0.0,	1.2);	(-50.0,	40.0,	0.0,	1.2);
(-40.0,	40.0,	0.0,	1.2);	(-30.0,	40.0,	0.0,	1.2);
(-25.0,	40.0,	0.0,	1.2);	(-20.0,	40.0,	0.0,	1.2);
(-17.0,	40.0,	0.0,	1.2);	(-15.0,	40.0,	0.0,	1.2);
(-13.0,	40.0,	0.0,	1.2);	(-11.0,	40.0,	0.0,	1.2);
(-9.0,	40.0,	0.0,	1.2);	(9.0,	40.0,	0.0,	1.2);
(11.0,	40.0,	0.0,	1.2);	(13.0,	40.0,	0.0,	1.2);
(15.0,	40.0,	0.0,	1.2);	(17.0,	40.0,	0.0,	1.2);
(20.0,	40.0,	0.0,	1.2);	(25.0,	40.0,	0.0,	1.2);
(30.0,	40.0,	0.0,	1.2);	(40.0,	40.0,	0.0,	1.2);
(50.0,	40.0,	0.0,	1.2);	(60.0,	40.0,	0.0,	1.2);
(70.0,	40.0,	0.0,	1.2);	(80.0,	40.0,	0.0,	1.2);
(90.0,	40.0,	0.0,	1.2);	(100.0,	40.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	50.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-80.0,	50.0,	0.0,	1.2);	(-70.0,	50.0,	0.0,	1.2);
(-60.0,	50.0,	0.0,	1.2);	(-50.0,	50.0,	0.0,	1.2);
(-40.0,	50.0,	0.0,	1.2);	(-30.0,	50.0,	0.0,	1.2);
(-25.0,	50.0,	0.0,	1.2);	(-20.0,	50.0,	0.0,	1.2);
(-17.0,	50.0,	0.0,	1.2);	(-15.0,	50.0,	0.0,	1.2);
(-13.0,	50.0,	0.0,	1.2);	(-11.0,	50.0,	0.0,	1.2);
(-9.0,	50.0,	0.0,	1.2);	(9.0,	50.0,	0.0,	1.2);
(11.0,	50.0,	0.0,	1.2);	(13.0,	50.0,	0.0,	1.2);
(15.0,	50.0,	0.0,	1.2);	(17.0,	50.0,	0.0,	1.2);
(20.0,	50.0,	0.0,	1.2);	(25.0,	50.0,	0.0,	1.2);
(30.0,	50.0,	0.0,	1.2);	(40.0,	50.0,	0.0,	1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(50.0, 50.0, 0.0, 1.2);	(60.0, 50.0, 0.0, 1.2);
(70.0, 50.0, 0.0, 1.2);	(80.0, 50.0, 0.0, 1.2);
(90.0, 50.0, 0.0, 1.2);	(100.0, 50.0, 0.0, 1.2);
(-100.0, 60.0, 0.0, 1.2);	(-90.0, 60.0, 0.0, 1.2);
(-80.0, 60.0, 0.0, 1.2);	(-70.0, 60.0, 0.0, 1.2);
(-60.0, 60.0, 0.0, 1.2);	(-50.0, 60.0, 0.0, 1.2);
(-40.0, 60.0, 0.0, 1.2);	(-30.0, 60.0, 0.0, 1.2);
(-25.0, 60.0, 0.0, 1.2);	(-20.0, 60.0, 0.0, 1.2);
(-17.0, 60.0, 0.0, 1.2);	(-15.0, 60.0, 0.0, 1.2);
(-13.0, 60.0, 0.0, 1.2);	(-11.0, 60.0, 0.0, 1.2);
(-9.0, 60.0, 0.0, 1.2);	(9.0, 60.0, 0.0, 1.2);
(11.0, 60.0, 0.0, 1.2);	(13.0, 60.0, 0.0, 1.2);
(15.0, 60.0, 0.0, 1.2);	(17.0, 60.0, 0.0, 1.2);
(20.0, 60.0, 0.0, 1.2);	(25.0, 60.0, 0.0, 1.2);
(30.0, 60.0, 0.0, 1.2);	(40.0, 60.0, 0.0, 1.2);
(50.0, 60.0, 0.0, 1.2);	(60.0, 60.0, 0.0, 1.2);
(70.0, 60.0, 0.0, 1.2);	(80.0, 60.0, 0.0, 1.2);
(90.0, 60.0, 0.0, 1.2);	(100.0, 60.0, 0.0, 1.2);
(-100.0, 70.0, 0.0, 1.2);	(-90.0, 70.0, 0.0, 1.2);
(-80.0, 70.0, 0.0, 1.2);	(-70.0, 70.0, 0.0, 1.2);
(-60.0, 70.0, 0.0, 1.2);	(-50.0, 70.0, 0.0, 1.2);
(-40.0, 70.0, 0.0, 1.2);	(-30.0, 70.0, 0.0, 1.2);
(-25.0, 70.0, 0.0, 1.2);	(-20.0, 70.0, 0.0, 1.2);
(-17.0, 70.0, 0.0, 1.2);	(-15.0, 70.0, 0.0, 1.2);
(-13.0, 70.0, 0.0, 1.2);	(-11.0, 70.0, 0.0, 1.2);
(-9.0, 70.0, 0.0, 1.2);	(9.0, 70.0, 0.0, 1.2);
(11.0, 70.0, 0.0, 1.2);	(13.0, 70.0, 0.0, 1.2);
(15.0, 70.0, 0.0, 1.2);	(17.0, 70.0, 0.0, 1.2);
(20.0, 70.0, 0.0, 1.2);	(25.0, 70.0, 0.0, 1.2);
(30.0, 70.0, 0.0, 1.2);	(40.0, 70.0, 0.0, 1.2);
(50.0, 70.0, 0.0, 1.2);	(60.0, 70.0, 0.0, 1.2);
(70.0, 70.0, 0.0, 1.2);	(80.0, 70.0, 0.0, 1.2);
(90.0, 70.0, 0.0, 1.2);	(100.0, 70.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, 80.0, 0.0, 1.2);	(-90.0, 80.0, 0.0, 1.2);
(-80.0, 80.0, 0.0, 1.2);	(-70.0, 80.0, 0.0, 1.2);
(-60.0, 80.0, 0.0, 1.2);	(-50.0, 80.0, 0.0, 1.2);
(-40.0, 80.0, 0.0, 1.2);	(-30.0, 80.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(-25.0,	80.0,	0.0,	1.2);	(-20.0,	80.0,	0.0,	1.2);
(-17.0,	80.0,	0.0,	1.2);	(-15.0,	80.0,	0.0,	1.2);
(-13.0,	80.0,	0.0,	1.2);	(-11.0,	80.0,	0.0,	1.2);
(-9.0,	80.0,	0.0,	1.2);	(9.0,	80.0,	0.0,	1.2);
(11.0,	80.0,	0.0,	1.2);	(13.0,	80.0,	0.0,	1.2);
(15.0,	80.0,	0.0,	1.2);	(17.0,	80.0,	0.0,	1.2);
(20.0,	80.0,	0.0,	1.2);	(25.0,	80.0,	0.0,	1.2);
(30.0,	80.0,	0.0,	1.2);	(40.0,	80.0,	0.0,	1.2);
(50.0,	80.0,	0.0,	1.2);	(60.0,	80.0,	0.0,	1.2);
(70.0,	80.0,	0.0,	1.2);	(80.0,	80.0,	0.0,	1.2);
(90.0,	80.0,	0.0,	1.2);	(100.0,	80.0,	0.0,	1.2);
(-100.0,	90.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-80.0,	90.0,	0.0,	1.2);	(-70.0,	90.0,	0.0,	1.2);
(-60.0,	90.0,	0.0,	1.2);	(-50.0,	90.0,	0.0,	1.2);
(-40.0,	90.0,	0.0,	1.2);	(-30.0,	90.0,	0.0,	1.2);
(-25.0,	90.0,	0.0,	1.2);	(-20.0,	90.0,	0.0,	1.2);
(-17.0,	90.0,	0.0,	1.2);	(-15.0,	90.0,	0.0,	1.2);
(-13.0,	90.0,	0.0,	1.2);	(-11.0,	90.0,	0.0,	1.2);
(-9.0,	90.0,	0.0,	1.2);	(9.0,	90.0,	0.0,	1.2);
(11.0,	90.0,	0.0,	1.2);	(13.0,	90.0,	0.0,	1.2);
(15.0,	90.0,	0.0,	1.2);	(17.0,	90.0,	0.0,	1.2);
(20.0,	90.0,	0.0,	1.2);	(25.0,	90.0,	0.0,	1.2);
(30.0,	90.0,	0.0,	1.2);	(40.0,	90.0,	0.0,	1.2);
(50.0,	90.0,	0.0,	1.2);	(60.0,	90.0,	0.0,	1.2);
(70.0,	90.0,	0.0,	1.2);	(80.0,	90.0,	0.0,	1.2);
(90.0,	90.0,	0.0,	1.2);	(100.0,	90.0,	0.0,	1.2);
(-100.0,	100.0,	0.0,	1.2);	(-90.0,	100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-70.0,	100.0,	0.0,	1.2);
(-60.0,	100.0,	0.0,	1.2);	(-50.0,	100.0,	0.0,	1.2);
(-40.0,	100.0,	0.0,	1.2);	(-30.0,	100.0,	0.0,	1.2);
(-25.0,	100.0,	0.0,	1.2);	(-20.0,	100.0,	0.0,	1.2);
(-17.0,	100.0,	0.0,	1.2);	(-15.0,	100.0,	0.0,	1.2);
(-13.0,	100.0,	0.0,	1.2);	(-11.0,	100.0,	0.0,	1.2);
(-9.0,	100.0,	0.0,	1.2);	(9.0,	100.0,	0.0,	1.2);
(11.0,	100.0,	0.0,	1.2);	(13.0,	100.0,	0.0,	1.2);
(15.0,	100.0,	0.0,	1.2);	(17.0,	100.0,	0.0,	1.2);
(20.0,	100.0,	0.0,	1.2);	(25.0,	100.0,	0.0,	1.2);
(30.0,	100.0,	0.0,	1.2);	(40.0,	100.0,	0.0,	1.2);
(50.0,	100.0,	0.0,	1.2);	(60.0,	100.0,	0.0,	1.2);
(70.0,	100.0,	0.0,	1.2);	(80.0,	100.0,	0.0,	1.2);
(90.0,	100.0,	0.0,	1.2);	(100.0,	100.0,	0.0,	1.2);

1 *** ISCAST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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**MODELOPTs:

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, 110.0, 0.0, 1.2);	(-90.0, 110.0, 0.0, 1.2);
(-80.0, 110.0, 0.0, 1.2);	(-70.0, 110.0, 0.0, 1.2);
(-60.0, 110.0, 0.0, 1.2);	(-50.0, 110.0, 0.0, 1.2);
(-40.0, 110.0, 0.0, 1.2);	(-30.0, 110.0, 0.0, 1.2);
(-25.0, 110.0, 0.0, 1.2);	(-20.0, 110.0, 0.0, 1.2);
(-17.0, 110.0, 0.0, 1.2);	(-15.0, 110.0, 0.0, 1.2);
(-13.0, 110.0, 0.0, 1.2);	(-11.0, 110.0, 0.0, 1.2);
(-9.0, 110.0, 0.0, 1.2);	(9.0, 110.0, 0.0, 1.2);
(11.0, 110.0, 0.0, 1.2);	(13.0, 110.0, 0.0, 1.2);
(15.0, 110.0, 0.0, 1.2);	(17.0, 110.0, 0.0, 1.2);
(20.0, 110.0, 0.0, 1.2);	(25.0, 110.0, 0.0, 1.2);
(30.0, 110.0, 0.0, 1.2);	(40.0, 110.0, 0.0, 1.2);
(50.0, 110.0, 0.0, 1.2);	(60.0, 110.0, 0.0, 1.2);
(70.0, 110.0, 0.0, 1.2);	(80.0, 110.0, 0.0, 1.2);
(90.0, 110.0, 0.0, 1.2);	(100.0, 110.0, 0.0, 1.2);
(-100.0, 120.0, 0.0, 1.2);	(-90.0, 120.0, 0.0, 1.2);
(-80.0, 120.0, 0.0, 1.2);	(-70.0, 120.0, 0.0, 1.2);
(-60.0, 120.0, 0.0, 1.2);	(-50.0, 120.0, 0.0, 1.2);
(-40.0, 120.0, 0.0, 1.2);	(-30.0, 120.0, 0.0, 1.2);
(-25.0, 120.0, 0.0, 1.2);	(-20.0, 120.0, 0.0, 1.2);
(-17.0, 120.0, 0.0, 1.2);	(-15.0, 120.0, 0.0, 1.2);
(-13.0, 120.0, 0.0, 1.2);	(-11.0, 120.0, 0.0, 1.2);
(-9.0, 120.0, 0.0, 1.2);	(9.0, 120.0, 0.0, 1.2);
(11.0, 120.0, 0.0, 1.2);	(13.0, 120.0, 0.0, 1.2);
(15.0, 120.0, 0.0, 1.2);	(17.0, 120.0, 0.0, 1.2);
(20.0, 120.0, 0.0, 1.2);	(25.0, 120.0, 0.0, 1.2);
(30.0, 120.0, 0.0, 1.2);	(40.0, 120.0, 0.0, 1.2);
(50.0, 120.0, 0.0, 1.2);	(60.0, 120.0, 0.0, 1.2);
(70.0, 120.0, 0.0, 1.2);	(80.0, 120.0, 0.0, 1.2);
(90.0, 120.0, 0.0, 1.2);	(100.0, 120.0, 0.0, 1.2);
(-100.0, 130.0, 0.0, 1.2);	(-90.0, 130.0, 0.0, 1.2);
(-80.0, 130.0, 0.0, 1.2);	(-70.0, 130.0, 0.0, 1.2);
(-60.0, 130.0, 0.0, 1.2);	(-50.0, 130.0, 0.0, 1.2);
(-40.0, 130.0, 0.0, 1.2);	(-30.0, 130.0, 0.0, 1.2);
(-25.0, 130.0, 0.0, 1.2);	(-20.0, 130.0, 0.0, 1.2);
(-17.0, 130.0, 0.0, 1.2);	(-15.0, 130.0, 0.0, 1.2);
(-13.0, 130.0, 0.0, 1.2);	(-11.0, 130.0, 0.0, 1.2);
(-9.0, 130.0, 0.0, 1.2);	(9.0, 130.0, 0.0, 1.2);
(11.0, 130.0, 0.0, 1.2);	(13.0, 130.0, 0.0, 1.2);
(15.0, 130.0, 0.0, 1.2);	(17.0, 130.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(20.0,	130.0,	0.0,	1.2);	(25.0,	130.0,	0.0,	1.2);
(30.0,	130.0,	0.0,	1.2);	(40.0,	130.0,	0.0,	1.2);
(50.0,	130.0,	0.0,	1.2);	(60.0,	130.0,	0.0,	1.2);
(70.0,	130.0,	0.0,	1.2);	(80.0,	130.0,	0.0,	1.2);
(90.0,	130.0,	0.0,	1.2);	(100.0,	130.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

18:47:46

**MODELOPTs:
PAGE 17

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	140.0,	0.0,	1.2);	(-90.0,	140.0,	0.0,	1.2);
(-80.0,	140.0,	0.0,	1.2);	(-70.0,	140.0,	0.0,	1.2);
(-60.0,	140.0,	0.0,	1.2);	(-50.0,	140.0,	0.0,	1.2);
(-40.0,	140.0,	0.0,	1.2);	(-30.0,	140.0,	0.0,	1.2);
(-25.0,	140.0,	0.0,	1.2);	(-20.0,	140.0,	0.0,	1.2);
(-17.0,	140.0,	0.0,	1.2);	(-15.0,	140.0,	0.0,	1.2);
(-13.0,	140.0,	0.0,	1.2);	(-11.0,	140.0,	0.0,	1.2);
(-9.0,	140.0,	0.0,	1.2);	(9.0,	140.0,	0.0,	1.2);
(11.0,	140.0,	0.0,	1.2);	(13.0,	140.0,	0.0,	1.2);
(15.0,	140.0,	0.0,	1.2);	(17.0,	140.0,	0.0,	1.2);
(20.0,	140.0,	0.0,	1.2);	(25.0,	140.0,	0.0,	1.2);
(30.0,	140.0,	0.0,	1.2);	(40.0,	140.0,	0.0,	1.2);
(50.0,	140.0,	0.0,	1.2);	(60.0,	140.0,	0.0,	1.2);
(70.0,	140.0,	0.0,	1.2);	(80.0,	140.0,	0.0,	1.2);
(90.0,	140.0,	0.0,	1.2);	(100.0,	140.0,	0.0,	1.2);
(-100.0,	150.0,	0.0,	1.2);	(-90.0,	150.0,	0.0,	1.2);
(-80.0,	150.0,	0.0,	1.2);	(-70.0,	150.0,	0.0,	1.2);
(-60.0,	150.0,	0.0,	1.2);	(-50.0,	150.0,	0.0,	1.2);
(-40.0,	150.0,	0.0,	1.2);	(-30.0,	150.0,	0.0,	1.2);
(-25.0,	150.0,	0.0,	1.2);	(-20.0,	150.0,	0.0,	1.2);
(-17.0,	150.0,	0.0,	1.2);	(-15.0,	150.0,	0.0,	1.2);
(-13.0,	150.0,	0.0,	1.2);	(-11.0,	150.0,	0.0,	1.2);
(-9.0,	150.0,	0.0,	1.2);	(9.0,	150.0,	0.0,	1.2);
(11.0,	150.0,	0.0,	1.2);	(13.0,	150.0,	0.0,	1.2);
(15.0,	150.0,	0.0,	1.2);	(17.0,	150.0,	0.0,	1.2);
(20.0,	150.0,	0.0,	1.2);	(25.0,	150.0,	0.0,	1.2);
(30.0,	150.0,	0.0,	1.2);	(40.0,	150.0,	0.0,	1.2);
(50.0,	150.0,	0.0,	1.2);	(60.0,	150.0,	0.0,	1.2);
(70.0,	150.0,	0.0,	1.2);	(80.0,	150.0,	0.0,	1.2);
(90.0,	150.0,	0.0,	1.2);	(100.0,	150.0,	0.0,	1.2);
(-100.0,	160.0,	0.0,	1.2);	(-90.0,	160.0,	0.0,	1.2);
(-80.0,	160.0,	0.0,	1.2);	(-70.0,	160.0,	0.0,	1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(-60.0, 160.0, 0.0, 1.2);	(-50.0, 160.0, 0.0, 1.2);
(-40.0, 160.0, 0.0, 1.2);	(-30.0, 160.0, 0.0, 1.2);
(-25.0, 160.0, 0.0, 1.2);	(-20.0, 160.0, 0.0, 1.2);
(-17.0, 160.0, 0.0, 1.2);	(-15.0, 160.0, 0.0, 1.2);
(-13.0, 160.0, 0.0, 1.2);	(-11.0, 160.0, 0.0, 1.2);
(-9.0, 160.0, 0.0, 1.2);	(9.0, 160.0, 0.0, 1.2);
(11.0, 160.0, 0.0, 1.2);	(13.0, 160.0, 0.0, 1.2);
(15.0, 160.0, 0.0, 1.2);	(17.0, 160.0, 0.0, 1.2);
(20.0, 160.0, 0.0, 1.2);	(25.0, 160.0, 0.0, 1.2);
(30.0, 160.0, 0.0, 1.2);	(40.0, 160.0, 0.0, 1.2);
(50.0, 160.0, 0.0, 1.2);	(60.0, 160.0, 0.0, 1.2);
(70.0, 160.0, 0.0, 1.2);	(80.0, 160.0, 0.0, 1.2);
(90.0, 160.0, 0.0, 1.2);	(100.0, 160.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, 170.0, 0.0, 1.2);	(-90.0, 170.0, 0.0, 1.2);
(-80.0, 170.0, 0.0, 1.2);	(-70.0, 170.0, 0.0, 1.2);
(-60.0, 170.0, 0.0, 1.2);	(-50.0, 170.0, 0.0, 1.2);
(-40.0, 170.0, 0.0, 1.2);	(-30.0, 170.0, 0.0, 1.2);
(-25.0, 170.0, 0.0, 1.2);	(-20.0, 170.0, 0.0, 1.2);
(-17.0, 170.0, 0.0, 1.2);	(-15.0, 170.0, 0.0, 1.2);
(-13.0, 170.0, 0.0, 1.2);	(-11.0, 170.0, 0.0, 1.2);
(-9.0, 170.0, 0.0, 1.2);	(9.0, 170.0, 0.0, 1.2);
(11.0, 170.0, 0.0, 1.2);	(13.0, 170.0, 0.0, 1.2);
(15.0, 170.0, 0.0, 1.2);	(17.0, 170.0, 0.0, 1.2);
(20.0, 170.0, 0.0, 1.2);	(25.0, 170.0, 0.0, 1.2);
(30.0, 170.0, 0.0, 1.2);	(40.0, 170.0, 0.0, 1.2);
(50.0, 170.0, 0.0, 1.2);	(60.0, 170.0, 0.0, 1.2);
(70.0, 170.0, 0.0, 1.2);	(80.0, 170.0, 0.0, 1.2);
(90.0, 170.0, 0.0, 1.2);	(100.0, 170.0, 0.0, 1.2);
(-100.0, 180.0, 0.0, 1.2);	(-90.0, 180.0, 0.0, 1.2);
(-80.0, 180.0, 0.0, 1.2);	(-70.0, 180.0, 0.0, 1.2);
(-60.0, 180.0, 0.0, 1.2);	(-50.0, 180.0, 0.0, 1.2);
(-40.0, 180.0, 0.0, 1.2);	(-30.0, 180.0, 0.0, 1.2);
(-25.0, 180.0, 0.0, 1.2);	(-20.0, 180.0, 0.0, 1.2);
(-17.0, 180.0, 0.0, 1.2);	(-15.0, 180.0, 0.0, 1.2);
(-13.0, 180.0, 0.0, 1.2);	(-11.0, 180.0, 0.0, 1.2);
(-9.0, 180.0, 0.0, 1.2);	(9.0, 180.0, 0.0, 1.2);
(11.0, 180.0, 0.0, 1.2);	(13.0, 180.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(15.0, 180.0, 0.0, 1.2);	(17.0, 180.0, 0.0, 1.2);
(20.0, 180.0, 0.0, 1.2);	(25.0, 180.0, 0.0, 1.2);
(30.0, 180.0, 0.0, 1.2);	(40.0, 180.0, 0.0, 1.2);
(50.0, 180.0, 0.0, 1.2);	(60.0, 180.0, 0.0, 1.2);
(70.0, 180.0, 0.0, 1.2);	(80.0, 180.0, 0.0, 1.2);
(90.0, 180.0, 0.0, 1.2);	(100.0, 180.0, 0.0, 1.2);
(-100.0, 190.0, 0.0, 1.2);	(-90.0, 190.0, 0.0, 1.2);
(-80.0, 190.0, 0.0, 1.2);	(-70.0, 190.0, 0.0, 1.2);
(-60.0, 190.0, 0.0, 1.2);	(-50.0, 190.0, 0.0, 1.2);
(-40.0, 190.0, 0.0, 1.2);	(-30.0, 190.0, 0.0, 1.2);
(-25.0, 190.0, 0.0, 1.2);	(-20.0, 190.0, 0.0, 1.2);
(-17.0, 190.0, 0.0, 1.2);	(-15.0, 190.0, 0.0, 1.2);
(-13.0, 190.0, 0.0, 1.2);	(-11.0, 190.0, 0.0, 1.2);
(-9.0, 190.0, 0.0, 1.2);	(9.0, 190.0, 0.0, 1.2);
(11.0, 190.0, 0.0, 1.2);	(13.0, 190.0, 0.0, 1.2);
(15.0, 190.0, 0.0, 1.2);	(17.0, 190.0, 0.0, 1.2);
(20.0, 190.0, 0.0, 1.2);	(25.0, 190.0, 0.0, 1.2);
(30.0, 190.0, 0.0, 1.2);	(40.0, 190.0, 0.0, 1.2);
(50.0, 190.0, 0.0, 1.2);	(60.0, 190.0, 0.0, 1.2);
(70.0, 190.0, 0.0, 1.2);	(80.0, 190.0, 0.0, 1.2);
(90.0, 190.0, 0.0, 1.2);	(100.0, 190.0, 0.0, 1.2);

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, 200.0, 0.0, 1.2);	(-90.0, 200.0, 0.0, 1.2);
(-80.0, 200.0, 0.0, 1.2);	(-70.0, 200.0, 0.0, 1.2);
(-60.0, 200.0, 0.0, 1.2);	(-50.0, 200.0, 0.0, 1.2);
(-40.0, 200.0, 0.0, 1.2);	(-30.0, 200.0, 0.0, 1.2);
(-25.0, 200.0, 0.0, 1.2);	(-20.0, 200.0, 0.0, 1.2);
(-17.0, 200.0, 0.0, 1.2);	(-15.0, 200.0, 0.0, 1.2);
(-13.0, 200.0, 0.0, 1.2);	(-11.0, 200.0, 0.0, 1.2);
(-9.0, 200.0, 0.0, 1.2);	(9.0, 200.0, 0.0, 1.2);
(11.0, 200.0, 0.0, 1.2);	(13.0, 200.0, 0.0, 1.2);
(15.0, 200.0, 0.0, 1.2);	(17.0, 200.0, 0.0, 1.2);
(20.0, 200.0, 0.0, 1.2);	(25.0, 200.0, 0.0, 1.2);
(30.0, 200.0, 0.0, 1.2);	(40.0, 200.0, 0.0, 1.2);
(50.0, 200.0, 0.0, 1.2);	(60.0, 200.0, 0.0, 1.2);
(70.0, 200.0, 0.0, 1.2);	(80.0, 200.0, 0.0, 1.2);
(90.0, 200.0, 0.0, 1.2);	(100.0, 200.0, 0.0, 1.2);
(-100.0, 210.0, 0.0, 1.2);	(-90.0, 210.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(-80.0, 210.0, 0.0, 1.2);	(-70.0, 210.0, 0.0, 1.2);
(-60.0, 210.0, 0.0, 1.2);	(-50.0, 210.0, 0.0, 1.2);
(-40.0, 210.0, 0.0, 1.2);	(-30.0, 210.0, 0.0, 1.2);
(-25.0, 210.0, 0.0, 1.2);	(-20.0, 210.0, 0.0, 1.2);
(-17.0, 210.0, 0.0, 1.2);	(-15.0, 210.0, 0.0, 1.2);
(-13.0, 210.0, 0.0, 1.2);	(-11.0, 210.0, 0.0, 1.2);
(-9.0, 210.0, 0.0, 1.2);	(9.0, 210.0, 0.0, 1.2);
(11.0, 210.0, 0.0, 1.2);	(13.0, 210.0, 0.0, 1.2);
(15.0, 210.0, 0.0, 1.2);	(17.0, 210.0, 0.0, 1.2);
(20.0, 210.0, 0.0, 1.2);	(25.0, 210.0, 0.0, 1.2);
(30.0, 210.0, 0.0, 1.2);	(40.0, 210.0, 0.0, 1.2);
(50.0, 210.0, 0.0, 1.2);	(60.0, 210.0, 0.0, 1.2);
(70.0, 210.0, 0.0, 1.2);	(80.0, 210.0, 0.0, 1.2);
(90.0, 210.0, 0.0, 1.2);	(100.0, 210.0, 0.0, 1.2);
(-100.0, 220.0, 0.0, 1.2);	(-90.0, 220.0, 0.0, 1.2);
(-80.0, 220.0, 0.0, 1.2);	(-70.0, 220.0, 0.0, 1.2);
(-60.0, 220.0, 0.0, 1.2);	(-50.0, 220.0, 0.0, 1.2);
(-40.0, 220.0, 0.0, 1.2);	(-30.0, 220.0, 0.0, 1.2);
(-25.0, 220.0, 0.0, 1.2);	(-20.0, 220.0, 0.0, 1.2);
(-17.0, 220.0, 0.0, 1.2);	(-15.0, 220.0, 0.0, 1.2);
(-13.0, 220.0, 0.0, 1.2);	(-11.0, 220.0, 0.0, 1.2);
(-9.0, 220.0, 0.0, 1.2);	(9.0, 220.0, 0.0, 1.2);
(11.0, 220.0, 0.0, 1.2);	(13.0, 220.0, 0.0, 1.2);
(15.0, 220.0, 0.0, 1.2);	(17.0, 220.0, 0.0, 1.2);
(20.0, 220.0, 0.0, 1.2);	(25.0, 220.0, 0.0, 1.2);
(30.0, 220.0, 0.0, 1.2);	(40.0, 220.0, 0.0, 1.2);
(50.0, 220.0, 0.0, 1.2);	(60.0, 220.0, 0.0, 1.2);
(70.0, 220.0, 0.0, 1.2);	(80.0, 220.0, 0.0, 1.2);
(90.0, 220.0, 0.0, 1.2);	(100.0, 220.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, 230.0, 0.0, 1.2);	(-90.0, 230.0, 0.0, 1.2);
(-80.0, 230.0, 0.0, 1.2);	(-70.0, 230.0, 0.0, 1.2);
(-60.0, 230.0, 0.0, 1.2);	(-50.0, 230.0, 0.0, 1.2);
(-40.0, 230.0, 0.0, 1.2);	(-30.0, 230.0, 0.0, 1.2);
(-25.0, 230.0, 0.0, 1.2);	(-20.0, 230.0, 0.0, 1.2);
(-17.0, 230.0, 0.0, 1.2);	(-15.0, 230.0, 0.0, 1.2);
(-13.0, 230.0, 0.0, 1.2);	(-11.0, 230.0, 0.0, 1.2);
(-9.0, 230.0, 0.0, 1.2);	(9.0, 230.0, 0.0, 1.2);

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

(11.0,	230.0,	0.0,	1.2);	(13.0,	230.0,	0.0,	1.2);
(15.0,	230.0,	0.0,	1.2);	(17.0,	230.0,	0.0,	1.2);
(20.0,	230.0,	0.0,	1.2);	(25.0,	230.0,	0.0,	1.2);
(30.0,	230.0,	0.0,	1.2);	(40.0,	230.0,	0.0,	1.2);
(50.0,	230.0,	0.0,	1.2);	(60.0,	230.0,	0.0,	1.2);
(70.0,	230.0,	0.0,	1.2);	(80.0,	230.0,	0.0,	1.2);
(90.0,	230.0,	0.0,	1.2);	(100.0,	230.0,	0.0,	1.2);
(-100.0,	240.0,	0.0,	1.2);	(-90.0,	240.0,	0.0,	1.2);
(-80.0,	240.0,	0.0,	1.2);	(-70.0,	240.0,	0.0,	1.2);
(-60.0,	240.0,	0.0,	1.2);	(-50.0,	240.0,	0.0,	1.2);
(-40.0,	240.0,	0.0,	1.2);	(-30.0,	240.0,	0.0,	1.2);
(-25.0,	240.0,	0.0,	1.2);	(-20.0,	240.0,	0.0,	1.2);
(-17.0,	240.0,	0.0,	1.2);	(-15.0,	240.0,	0.0,	1.2);
(-13.0,	240.0,	0.0,	1.2);	(-11.0,	240.0,	0.0,	1.2);
(-9.0,	240.0,	0.0,	1.2);	(9.0,	240.0,	0.0,	1.2);
(11.0,	240.0,	0.0,	1.2);	(13.0,	240.0,	0.0,	1.2);
(15.0,	240.0,	0.0,	1.2);	(17.0,	240.0,	0.0,	1.2);
(20.0,	240.0,	0.0,	1.2);	(25.0,	240.0,	0.0,	1.2);
(30.0,	240.0,	0.0,	1.2);	(40.0,	240.0,	0.0,	1.2);
(50.0,	240.0,	0.0,	1.2);	(60.0,	240.0,	0.0,	1.2);
(70.0,	240.0,	0.0,	1.2);	(80.0,	240.0,	0.0,	1.2);
(90.0,	240.0,	0.0,	1.2);	(100.0,	240.0,	0.0,	1.2);
(-100.0,	250.0,	0.0,	1.2);	(-90.0,	250.0,	0.0,	1.2);
(-80.0,	250.0,	0.0,	1.2);	(-70.0,	250.0,	0.0,	1.2);
(-60.0,	250.0,	0.0,	1.2);	(-50.0,	250.0,	0.0,	1.2);
(-40.0,	250.0,	0.0,	1.2);	(-30.0,	250.0,	0.0,	1.2);
(-25.0,	250.0,	0.0,	1.2);	(-20.0,	250.0,	0.0,	1.2);
(-17.0,	250.0,	0.0,	1.2);	(-15.0,	250.0,	0.0,	1.2);
(-13.0,	250.0,	0.0,	1.2);	(-11.0,	250.0,	0.0,	1.2);
(-9.0,	250.0,	0.0,	1.2);	(9.0,	250.0,	0.0,	1.2);
(11.0,	250.0,	0.0,	1.2);	(13.0,	250.0,	0.0,	1.2);
(15.0,	250.0,	0.0,	1.2);	(17.0,	250.0,	0.0,	1.2);
(20.0,	250.0,	0.0,	1.2);	(25.0,	250.0,	0.0,	1.2);
(30.0,	250.0,	0.0,	1.2);	(40.0,	250.0,	0.0,	1.2);
(50.0,	250.0,	0.0,	1.2);	(60.0,	250.0,	0.0,	1.2);
(70.0,	250.0,	0.0,	1.2);	(80.0,	250.0,	0.0,	1.2);
(90.0,	250.0,	0.0,	1.2);	(100.0,	250.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
 (1=YES; 0=NO)

09NCRA SR04-300_DPM_TRAV_ANN_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING CLASS	HEIGHT (M)	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
04	01	01	01	319.7	2.59	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	02	330.0	3.89	281.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	03	329.6	3.62	281.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	04	327.9	3.71	281.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	05	348.5	6.53	282.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	06	338.6	6.66	282.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	07	343.1	8.27	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	08	6.8	11.53	284.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	09	16.2	11.94	284.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	10	63.3	8.00	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	11	91.0	4.11	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	12	93.2	3.76	284.2	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	13	81.7	4.52	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	14	81.6	3.76	283.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	15	81.4	3.49	283.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	16	89.3	4.43	284.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	17	72.7	3.08	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	18	66.4	1.92	281.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	19	98.9	1.00	280.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	20	279.5	1.00	279.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	21	344.8	1.07	278.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	22	231.0	1.07	277.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	23	233.7	1.12	277.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
04	01	01	24	83.5	1.00	276.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:

PAGE 23

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00003	-90.00	-250.00	0.00003
-80.00	-250.00	0.00003	-70.00	-250.00	0.00003
-60.00	-250.00	0.00003	-50.00	-250.00	0.00003
-40.00	-250.00	0.00004	-30.00	-250.00	0.00004
-25.00	-250.00	0.00004	-20.00	-250.00	0.00004
-17.00	-250.00	0.00004	-15.00	-250.00	0.00004
-13.00	-250.00	0.00004	-11.00	-250.00	0.00004
-9.00	-250.00	0.00004	9.00	-250.00	0.00005
11.00	-250.00	0.00005	13.00	-250.00	0.00005
15.00	-250.00	0.00005	17.00	-250.00	0.00005
20.00	-250.00	0.00005	25.00	-250.00	0.00005
30.00	-250.00	0.00006	40.00	-250.00	0.00006
50.00	-250.00	0.00006	60.00	-250.00	0.00006
70.00	-250.00	0.00007	80.00	-250.00	0.00007
90.00	-250.00	0.00007	100.00	-250.00	0.00007
-100.00	-240.00	0.00003	-90.00	-240.00	0.00003
-80.00	-240.00	0.00003	-70.00	-240.00	0.00003

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-60.00	-240.00	0.00003	-50.00	-240.00	0.00004	
-40.00	-240.00	0.00004	-30.00	-240.00	0.00004	
-25.00	-240.00	0.00004	-20.00	-240.00	0.00004	
-17.00	-240.00	0.00004	-15.00	-240.00	0.00004	
-13.00	-240.00	0.00004	-11.00	-240.00	0.00005	
-9.00	-240.00	0.00005	9.00	-240.00	0.00005	
11.00	-240.00	0.00005	13.00	-240.00	0.00005	
15.00	-240.00	0.00005	17.00	-240.00	0.00005	
20.00	-240.00	0.00005	25.00	-240.00	0.00006	
30.00	-240.00	0.00006	40.00	-240.00	0.00006	
50.00	-240.00	0.00006	60.00	-240.00	0.00007	
70.00	-240.00	0.00007	80.00	-240.00	0.00007	
90.00	-240.00	0.00007	100.00	-240.00	0.00007	
-100.00	-230.00	0.00003	-90.00	-230.00	0.00003	
-80.00	-230.00	0.00003	-70.00	-230.00	0.00003	
-60.00	-230.00	0.00004	-50.00	-230.00	0.00004	
-40.00	-230.00	0.00004	-30.00	-230.00	0.00004	
-25.00	-230.00	0.00004	-20.00	-230.00	0.00004	
-17.00	-230.00	0.00005	-15.00	-230.00	0.00005	
-13.00	-230.00	0.00005	-11.00	-230.00	0.00005	
-9.00	-230.00	0.00005	9.00	-230.00	0.00005	
11.00	-230.00	0.00005	13.00	-230.00	0.00005	
15.00	-230.00	0.00006	17.00	-230.00	0.00006	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 24
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00006	25.00	-230.00	0.00006
30.00	-230.00	0.00006	40.00	-230.00	0.00006
50.00	-230.00	0.00007	60.00	-230.00	0.00007
70.00	-230.00	0.00007	80.00	-230.00	0.00008
90.00	-230.00	0.00008	100.00	-230.00	0.00008
-100.00	-220.00	0.00003	-90.00	-220.00	0.00003
-80.00	-220.00	0.00003	-70.00	-220.00	0.00004
-60.00	-220.00	0.00004	-50.00	-220.00	0.00004
-40.00	-220.00	0.00004	-30.00	-220.00	0.00004
-25.00	-220.00	0.00004	-20.00	-220.00	0.00005
-17.00	-220.00	0.00005	-15.00	-220.00	0.00005

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-13.00	-220.00	0.00005	-11.00	-220.00	0.00005	
-9.00	-220.00	0.00005	9.00	-220.00	0.00006	
11.00	-220.00	0.00006	13.00	-220.00	0.00006	
15.00	-220.00	0.00006	17.00	-220.00	0.00006	
20.00	-220.00	0.00006	25.00	-220.00	0.00006	
30.00	-220.00	0.00006	40.00	-220.00	0.00007	
50.00	-220.00	0.00007	60.00	-220.00	0.00008	
70.00	-220.00	0.00008	80.00	-220.00	0.00008	
90.00	-220.00	0.00008	100.00	-220.00	0.00008	
-100.00	-210.00	0.00003	-90.00	-210.00	0.00003	
-80.00	-210.00	0.00004	-70.00	-210.00	0.00004	
-60.00	-210.00	0.00004	-50.00	-210.00	0.00004	
-40.00	-210.00	0.00004	-30.00	-210.00	0.00005	
-25.00	-210.00	0.00005	-20.00	-210.00	0.00005	
-17.00	-210.00	0.00005	-15.00	-210.00	0.00005	
-13.00	-210.00	0.00005	-11.00	-210.00	0.00005	
-9.00	-210.00	0.00005	9.00	-210.00	0.00006	
11.00	-210.00	0.00006	13.00	-210.00	0.00006	
15.00	-210.00	0.00006	17.00	-210.00	0.00006	
20.00	-210.00	0.00006	25.00	-210.00	0.00007	
30.00	-210.00	0.00007	40.00	-210.00	0.00007	
50.00	-210.00	0.00008	60.00	-210.00	0.00008	
70.00	-210.00	0.00008	80.00	-210.00	0.00008	
90.00	-210.00	0.00009	100.00	-210.00	0.00009	
-100.00	-200.00	0.00003	-90.00	-200.00	0.00004	
-80.00	-200.00	0.00004	-70.00	-200.00	0.00004	
-60.00	-200.00	0.00004	-50.00	-200.00	0.00004	
-40.00	-200.00	0.00004	-30.00	-200.00	0.00005	
-25.00	-200.00	0.00005	-20.00	-200.00	0.00005	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00005	-15.00	-200.00	0.00005
-13.00	-200.00	0.00005	-11.00	-200.00	0.00005
-9.00	-200.00	0.00005	9.00	-200.00	0.00006
11.00	-200.00	0.00006	13.00	-200.00	0.00006
15.00	-200.00	0.00006	17.00	-200.00	0.00007

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
20.00	-200.00	0.00007	25.00	-200.00	0.00007
30.00	-200.00	0.00007	40.00	-200.00	0.00008
50.00	-200.00	0.00008	60.00	-200.00	0.00008
70.00	-200.00	0.00009	80.00	-200.00	0.00009
90.00	-200.00	0.00009	100.00	-200.00	0.00009
-100.00	-190.00	0.00004	-90.00	-190.00	0.00004
-80.00	-190.00	0.00004	-70.00	-190.00	0.00004
-60.00	-190.00	0.00004	-50.00	-190.00	0.00004
-40.00	-190.00	0.00005	-30.00	-190.00	0.00005
-25.00	-190.00	0.00005	-20.00	-190.00	0.00005
-17.00	-190.00	0.00005	-15.00	-190.00	0.00005
-13.00	-190.00	0.00006	-11.00	-190.00	0.00006
-9.00	-190.00	0.00006	9.00	-190.00	0.00006
11.00	-190.00	0.00007	13.00	-190.00	0.00007
15.00	-190.00	0.00007	17.00	-190.00	0.00007
20.00	-190.00	0.00007	25.00	-190.00	0.00007
30.00	-190.00	0.00008	40.00	-190.00	0.00008
50.00	-190.00	0.00008	60.00	-190.00	0.00009
70.00	-190.00	0.00009	80.00	-190.00	0.00009
90.00	-190.00	0.00009	100.00	-190.00	0.00009
-100.00	-180.00	0.00004	-90.00	-180.00	0.00004
-80.00	-180.00	0.00004	-70.00	-180.00	0.00004
-60.00	-180.00	0.00004	-50.00	-180.00	0.00005
-40.00	-180.00	0.00005	-30.00	-180.00	0.00005
-25.00	-180.00	0.00005	-20.00	-180.00	0.00006
-17.00	-180.00	0.00006	-15.00	-180.00	0.00006
-13.00	-180.00	0.00006	-11.00	-180.00	0.00006
-9.00	-180.00	0.00006	9.00	-180.00	0.00007
11.00	-180.00	0.00007	13.00	-180.00	0.00007
15.00	-180.00	0.00007	17.00	-180.00	0.00007
20.00	-180.00	0.00007	25.00	-180.00	0.00008
30.00	-180.00	0.00008	40.00	-180.00	0.00008
50.00	-180.00	0.00009	60.00	-180.00	0.00009
70.00	-180.00	0.00010	80.00	-180.00	0.00010
90.00	-180.00	0.00010	100.00	-180.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 26
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-100.00	-170.00	0.00004	-90.00	-170.00	0.00004
-80.00	-170.00	0.00004	-70.00	-170.00	0.00004
-60.00	-170.00	0.00005	-50.00	-170.00	0.00005
-40.00	-170.00	0.00005	-30.00	-170.00	0.00005
-25.00	-170.00	0.00006	-20.00	-170.00	0.00006
-17.00	-170.00	0.00006	-15.00	-170.00	0.00006
-13.00	-170.00	0.00006	-11.00	-170.00	0.00006
-9.00	-170.00	0.00006	9.00	-170.00	0.00007
11.00	-170.00	0.00007	13.00	-170.00	0.00007
15.00	-170.00	0.00008	17.00	-170.00	0.00008
20.00	-170.00	0.00008	25.00	-170.00	0.00008
30.00	-170.00	0.00008	40.00	-170.00	0.00009
50.00	-170.00	0.00009	60.00	-170.00	0.00010
70.00	-170.00	0.00010	80.00	-170.00	0.00010
90.00	-170.00	0.00010	100.00	-170.00	0.00010
-100.00	-160.00	0.00004	-90.00	-160.00	0.00004
-80.00	-160.00	0.00004	-70.00	-160.00	0.00005
-60.00	-160.00	0.00005	-50.00	-160.00	0.00005
-40.00	-160.00	0.00005	-30.00	-160.00	0.00006
-25.00	-160.00	0.00006	-20.00	-160.00	0.00006
-17.00	-160.00	0.00006	-15.00	-160.00	0.00006
-13.00	-160.00	0.00006	-11.00	-160.00	0.00007
-9.00	-160.00	0.00007	9.00	-160.00	0.00008
11.00	-160.00	0.00008	13.00	-160.00	0.00008
15.00	-160.00	0.00008	17.00	-160.00	0.00008
20.00	-160.00	0.00008	25.00	-160.00	0.00009
30.00	-160.00	0.00009	40.00	-160.00	0.00010
50.00	-160.00	0.00010	60.00	-160.00	0.00010
70.00	-160.00	0.00011	80.00	-160.00	0.00011
90.00	-160.00	0.00011	100.00	-160.00	0.00011
-100.00	-150.00	0.00004	-90.00	-150.00	0.00004
-80.00	-150.00	0.00005	-70.00	-150.00	0.00005
-60.00	-150.00	0.00005	-50.00	-150.00	0.00005
-40.00	-150.00	0.00006	-30.00	-150.00	0.00006
-25.00	-150.00	0.00006	-20.00	-150.00	0.00006
-17.00	-150.00	0.00007	-15.00	-150.00	0.00007
-13.00	-150.00	0.00007	-11.00	-150.00	0.00007
-9.00	-150.00	0.00007	9.00	-150.00	0.00008
11.00	-150.00	0.00008	13.00	-150.00	0.00008
15.00	-150.00	0.00008	17.00	-150.00	0.00009

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

18:47:46
**MODELOPTs:
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*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00009	25.00	-150.00	0.00009	
30.00	-150.00	0.00010	40.00	-150.00	0.00010	
50.00	-150.00	0.00011	60.00	-150.00	0.00011	
70.00	-150.00	0.00011	80.00	-150.00	0.00012	
90.00	-150.00	0.00012	100.00	-150.00	0.00012	
-100.00	-140.00	0.00004	-90.00	-140.00	0.00005	
-80.00	-140.00	0.00005	-70.00	-140.00	0.00005	
-60.00	-140.00	0.00005	-50.00	-140.00	0.00006	
-40.00	-140.00	0.00006	-30.00	-140.00	0.00006	
-25.00	-140.00	0.00007	-20.00	-140.00	0.00007	
-17.00	-140.00	0.00007	-15.00	-140.00	0.00007	
-13.00	-140.00	0.00007	-11.00	-140.00	0.00007	
-9.00	-140.00	0.00007	9.00	-140.00	0.00009	
11.00	-140.00	0.00009	13.00	-140.00	0.00009	
15.00	-140.00	0.00009	17.00	-140.00	0.00009	
20.00	-140.00	0.00009	25.00	-140.00	0.00010	
30.00	-140.00	0.00010	40.00	-140.00	0.00011	
50.00	-140.00	0.00011	60.00	-140.00	0.00012	
70.00	-140.00	0.00012	80.00	-140.00	0.00012	
90.00	-140.00	0.00012	100.00	-140.00	0.00012	
-100.00	-130.00	0.00005	-90.00	-130.00	0.00005	
-80.00	-130.00	0.00005	-70.00	-130.00	0.00005	
-60.00	-130.00	0.00006	-50.00	-130.00	0.00006	
-40.00	-130.00	0.00006	-30.00	-130.00	0.00007	
-25.00	-130.00	0.00007	-20.00	-130.00	0.00007	
-17.00	-130.00	0.00007	-15.00	-130.00	0.00007	
-13.00	-130.00	0.00008	-11.00	-130.00	0.00008	
-9.00	-130.00	0.00008	9.00	-130.00	0.00009	
11.00	-130.00	0.00009	13.00	-130.00	0.00009	
15.00	-130.00	0.00010	17.00	-130.00	0.00010	
20.00	-130.00	0.00010	25.00	-130.00	0.00010	
30.00	-130.00	0.00011	40.00	-130.00	0.00012	
50.00	-130.00	0.00012	60.00	-130.00	0.00013	
70.00	-130.00	0.00013	80.00	-130.00	0.00013	
90.00	-130.00	0.00013	100.00	-130.00	0.00013	
-100.00	-120.00	0.00005	-90.00	-120.00	0.00005	
-80.00	-120.00	0.00005	-70.00	-120.00	0.00006	

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
-60.00	-120.00	0.00006	-50.00	-120.00	0.00006
-40.00	-120.00	0.00007	-30.00	-120.00	0.00007
-25.00	-120.00	0.00007	-20.00	-120.00	0.00008

1 *** ISCST3 - VERSION 02035 *** 04/18/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00008	-15.00	-120.00	0.00008
-13.00	-120.00	0.00008	-11.00	-120.00	0.00008
-9.00	-120.00	0.00008	9.00	-120.00	0.00010
11.00	-120.00	0.00010	13.00	-120.00	0.00010
15.00	-120.00	0.00010	17.00	-120.00	0.00010
20.00	-120.00	0.00011	25.00	-120.00	0.00011
30.00	-120.00	0.00012	40.00	-120.00	0.00012
50.00	-120.00	0.00013	60.00	-120.00	0.00014
70.00	-120.00	0.00014	80.00	-120.00	0.00014
90.00	-120.00	0.00014	100.00	-120.00	0.00014
-100.00	-110.00	0.00005	-90.00	-110.00	0.00005
-80.00	-110.00	0.00006	-70.00	-110.00	0.00006
-60.00	-110.00	0.00006	-50.00	-110.00	0.00006
-40.00	-110.00	0.00007	-30.00	-110.00	0.00007
-25.00	-110.00	0.00008	-20.00	-110.00	0.00008
-17.00	-110.00	0.00008	-15.00	-110.00	0.00008
-13.00	-110.00	0.00008	-11.00	-110.00	0.00009
-9.00	-110.00	0.00009	9.00	-110.00	0.00010
11.00	-110.00	0.00011	13.00	-110.00	0.00011
15.00	-110.00	0.00011	17.00	-110.00	0.00011
20.00	-110.00	0.00011	25.00	-110.00	0.00012
30.00	-110.00	0.00012	40.00	-110.00	0.00013
50.00	-110.00	0.00014	60.00	-110.00	0.00014
70.00	-110.00	0.00015	80.00	-110.00	0.00015
90.00	-110.00	0.00015	100.00	-110.00	0.00015
-100.00	-100.00	0.00005	-90.00	-100.00	0.00006
-80.00	-100.00	0.00006	-70.00	-100.00	0.00006
-60.00	-100.00	0.00006	-50.00	-100.00	0.00007
-40.00	-100.00	0.00007	-30.00	-100.00	0.00008
-25.00	-100.00	0.00008	-20.00	-100.00	0.00008
-17.00	-100.00	0.00009	-15.00	-100.00	0.00009

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-13.00	-100.00	0.00009	-11.00	-100.00	0.00009	
-9.00	-100.00	0.00009	9.00	-100.00	0.00011	
11.00	-100.00	0.00011	13.00	-100.00	0.00012	
15.00	-100.00	0.00012	17.00	-100.00	0.00012	
20.00	-100.00	0.00012	25.00	-100.00	0.00013	
30.00	-100.00	0.00013	40.00	-100.00	0.00014	
50.00	-100.00	0.00015	60.00	-100.00	0.00016	
70.00	-100.00	0.00016	80.00	-100.00	0.00016	
90.00	-100.00	0.00016	100.00	-100.00	0.00016	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00006	-90.00	-90.00	0.00006
-80.00	-90.00	0.00006	-70.00	-90.00	0.00006
-60.00	-90.00	0.00007	-50.00	-90.00	0.00007
-40.00	-90.00	0.00008	-30.00	-90.00	0.00008
-25.00	-90.00	0.00009	-20.00	-90.00	0.00009
-17.00	-90.00	0.00009	-15.00	-90.00	0.00009
-13.00	-90.00	0.00010	-11.00	-90.00	0.00010
-9.00	-90.00	0.00010	9.00	-90.00	0.00012
11.00	-90.00	0.00012	13.00	-90.00	0.00012
15.00	-90.00	0.00013	17.00	-90.00	0.00013
20.00	-90.00	0.00013	25.00	-90.00	0.00014
30.00	-90.00	0.00014	40.00	-90.00	0.00015
50.00	-90.00	0.00016	60.00	-90.00	0.00017
70.00	-90.00	0.00017	80.00	-90.00	0.00017
90.00	-90.00	0.00017	100.00	-90.00	0.00017
-100.00	-80.00	0.00006	-90.00	-80.00	0.00006
-80.00	-80.00	0.00007	-70.00	-80.00	0.00007
-60.00	-80.00	0.00007	-50.00	-80.00	0.00008
-40.00	-80.00	0.00008	-30.00	-80.00	0.00009
-25.00	-80.00	0.00009	-20.00	-80.00	0.00010
-17.00	-80.00	0.00010	-15.00	-80.00	0.00010
-13.00	-80.00	0.00010	-11.00	-80.00	0.00010
-9.00	-80.00	0.00011	9.00	-80.00	0.00013
11.00	-80.00	0.00013	13.00	-80.00	0.00013
15.00	-80.00	0.00014	17.00	-80.00	0.00014

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
20.00	-80.00	0.00014	25.00	-80.00	0.00015	
30.00	-80.00	0.00016	40.00	-80.00	0.00017	
50.00	-80.00	0.00017	60.00	-80.00	0.00018	
70.00	-80.00	0.00018	80.00	-80.00	0.00018	
90.00	-80.00	0.00018	100.00	-80.00	0.00018	
-100.00	-70.00	0.00006	-90.00	-70.00	0.00007	
-80.00	-70.00	0.00007	-70.00	-70.00	0.00007	
-60.00	-70.00	0.00008	-50.00	-70.00	0.00008	
-40.00	-70.00	0.00009	-30.00	-70.00	0.00009	
-25.00	-70.00	0.00010	-20.00	-70.00	0.00010	
-17.00	-70.00	0.00011	-15.00	-70.00	0.00011	
-13.00	-70.00	0.00011	-11.00	-70.00	0.00011	
-9.00	-70.00	0.00011	9.00	-70.00	0.00014	
11.00	-70.00	0.00014	13.00	-70.00	0.00014	
15.00	-70.00	0.00015	17.00	-70.00	0.00015	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00016	25.00	-70.00	0.00016
30.00	-70.00	0.00017	40.00	-70.00	0.00018
50.00	-70.00	0.00019	60.00	-70.00	0.00019
70.00	-70.00	0.00019	80.00	-70.00	0.00020
90.00	-70.00	0.00020	100.00	-70.00	0.00020
-100.00	-60.00	0.00007	-90.00	-60.00	0.00007
-80.00	-60.00	0.00007	-70.00	-60.00	0.00008
-60.00	-60.00	0.00008	-50.00	-60.00	0.00009
-40.00	-60.00	0.00009	-30.00	-60.00	0.00010
-25.00	-60.00	0.00010	-20.00	-60.00	0.00011
-17.00	-60.00	0.00011	-15.00	-60.00	0.00012
-13.00	-60.00	0.00012	-11.00	-60.00	0.00012
-9.00	-60.00	0.00012	9.00	-60.00	0.00015
11.00	-60.00	0.00015	13.00	-60.00	0.00016
15.00	-60.00	0.00016	17.00	-60.00	0.00016
20.00	-60.00	0.00017	25.00	-60.00	0.00018
30.00	-60.00	0.00018	40.00	-60.00	0.00020
50.00	-60.00	0.00021	60.00	-60.00	0.00021
70.00	-60.00	0.00021	80.00	-60.00	0.00021

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

90.00	-60.00	0.00021	100.00	-60.00	0.00021
-100.00	-50.00	0.00007	-90.00	-50.00	0.00008
-80.00	-50.00	0.00008	-70.00	-50.00	0.00008
-60.00	-50.00	0.00009	-50.00	-50.00	0.00009
-40.00	-50.00	0.00010	-30.00	-50.00	0.00011
-25.00	-50.00	0.00011	-20.00	-50.00	0.00012
-17.00	-50.00	0.00012	-15.00	-50.00	0.00012
-13.00	-50.00	0.00013	-11.00	-50.00	0.00013
-9.00	-50.00	0.00013	9.00	-50.00	0.00016
11.00	-50.00	0.00017	13.00	-50.00	0.00017
15.00	-50.00	0.00017	17.00	-50.00	0.00018
20.00	-50.00	0.00018	25.00	-50.00	0.00019
30.00	-50.00	0.00020	40.00	-50.00	0.00022
50.00	-50.00	0.00022	60.00	-50.00	0.00023
70.00	-50.00	0.00023	80.00	-50.00	0.00023
90.00	-50.00	0.00023	100.00	-50.00	0.00023
-100.00	-40.00	0.00008	-90.00	-40.00	0.00008
-80.00	-40.00	0.00008	-70.00	-40.00	0.00009
-60.00	-40.00	0.00009	-50.00	-40.00	0.00010
-40.00	-40.00	0.00011	-30.00	-40.00	0.00011
-25.00	-40.00	0.00012	-20.00	-40.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00013	-15.00	-40.00	0.00013
-13.00	-40.00	0.00014	-11.00	-40.00	0.00014
-9.00	-40.00	0.00014	9.00	-40.00	0.00018
11.00	-40.00	0.00018	13.00	-40.00	0.00019
15.00	-40.00	0.00019	17.00	-40.00	0.00020
20.00	-40.00	0.00020	25.00	-40.00	0.00021
30.00	-40.00	0.00022	40.00	-40.00	0.00024
50.00	-40.00	0.00024	60.00	-40.00	0.00025
70.00	-40.00	0.00025	80.00	-40.00	0.00025
90.00	-40.00	0.00025	100.00	-40.00	0.00026
-100.00	-30.00	0.00008	-90.00	-30.00	0.00009
-80.00	-30.00	0.00009	-70.00	-30.00	0.00009
-60.00	-30.00	0.00010	-50.00	-30.00	0.00011

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00011	-30.00	-30.00	0.00012
-25.00	-30.00	0.00013	-20.00	-30.00	0.00014
-17.00	-30.00	0.00014	-15.00	-30.00	0.00014
-13.00	-30.00	0.00015	-11.00	-30.00	0.00015
-9.00	-30.00	0.00016	9.00	-30.00	0.00020
11.00	-30.00	0.00020	13.00	-30.00	0.00021
15.00	-30.00	0.00021	17.00	-30.00	0.00022
20.00	-30.00	0.00022	25.00	-30.00	0.00023
30.00	-30.00	0.00024	40.00	-30.00	0.00026
50.00	-30.00	0.00027	60.00	-30.00	0.00027
70.00	-30.00	0.00027	80.00	-30.00	0.00027
90.00	-30.00	0.00028	100.00	-30.00	0.00028
-100.00	-20.00	0.00009	-90.00	-20.00	0.00009
-80.00	-20.00	0.00010	-70.00	-20.00	0.00010
-60.00	-20.00	0.00011	-50.00	-20.00	0.00011
-40.00	-20.00	0.00012	-30.00	-20.00	0.00013
-25.00	-20.00	0.00014	-20.00	-20.00	0.00015
-17.00	-20.00	0.00015	-15.00	-20.00	0.00016
-13.00	-20.00	0.00016	-11.00	-20.00	0.00016
-9.00	-20.00	0.00017	9.00	-20.00	0.00022
11.00	-20.00	0.00022	13.00	-20.00	0.00023
15.00	-20.00	0.00023	17.00	-20.00	0.00024
20.00	-20.00	0.00025	25.00	-20.00	0.00026
30.00	-20.00	0.00027	40.00	-20.00	0.00029
50.00	-20.00	0.00029	60.00	-20.00	0.00030
70.00	-20.00	0.00030	80.00	-20.00	0.00030
90.00	-20.00	0.00031	100.00	-20.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00009	-90.00	-10.00	0.00010
-80.00	-10.00	0.00010	-70.00	-10.00	0.00011
-60.00	-10.00	0.00012	-50.00	-10.00	0.00012
-40.00	-10.00	0.00013	-30.00	-10.00	0.00014
-25.00	-10.00	0.00015	-20.00	-10.00	0.00016
-17.00	-10.00	0.00017	-15.00	-10.00	0.00017
-13.00	-10.00	0.00018	-11.00	-10.00	0.00018

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00019	9.00	-10.00	0.00024
11.00	-10.00	0.00025	13.00	-10.00	0.00025
15.00	-10.00	0.00026	17.00	-10.00	0.00027
20.00	-10.00	0.00027	25.00	-10.00	0.00029
30.00	-10.00	0.00030	40.00	-10.00	0.00032
50.00	-10.00	0.00032	60.00	-10.00	0.00033
70.00	-10.00	0.00033	80.00	-10.00	0.00033
90.00	-10.00	0.00034	100.00	-10.00	0.00034
-100.00	0.00	0.00010	-90.00	0.00	0.00011
-80.00	0.00	0.00011	-70.00	0.00	0.00012
-60.00	0.00	0.00013	-50.00	0.00	0.00013
-40.00	0.00	0.00014	-30.00	0.00	0.00016
-25.00	0.00	0.00017	-20.00	0.00	0.00018
-17.00	0.00	0.00018	-15.00	0.00	0.00019
-13.00	0.00	0.00019	-11.00	0.00	0.00020
-9.00	0.00	0.00020	9.00	0.00	0.00027
11.00	0.00	0.00027	13.00	0.00	0.00028
15.00	0.00	0.00029	17.00	0.00	0.00030
20.00	0.00	0.00031	25.00	0.00	0.00032
30.00	0.00	0.00034	40.00	0.00	0.00035
50.00	0.00	0.00036	60.00	0.00	0.00036
70.00	0.00	0.00037	80.00	0.00	0.00037
90.00	0.00	0.00038	100.00	0.00	0.00038
-100.00	10.00	0.00011	-90.00	10.00	0.00012
-80.00	10.00	0.00012	-70.00	10.00	0.00013
-60.00	10.00	0.00014	-50.00	10.00	0.00015
-40.00	10.00	0.00016	-30.00	10.00	0.00017
-25.00	10.00	0.00018	-20.00	10.00	0.00019
-17.00	10.00	0.00020	-15.00	10.00	0.00021
-13.00	10.00	0.00021	-11.00	10.00	0.00022
-9.00	10.00	0.00022	9.00	10.00	0.00030
11.00	10.00	0.00031	13.00	10.00	0.00032
15.00	10.00	0.00033	17.00	10.00	0.00033

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00035	25.00	10.00	0.00037

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00038	40.00	10.00	0.00040
50.00	10.00	0.00040	60.00	10.00	0.00040
70.00	10.00	0.00041	80.00	10.00	0.00042
90.00	10.00	0.00042	100.00	10.00	0.00042
-100.00	20.00	0.00012	-90.00	20.00	0.00012
-80.00	20.00	0.00013	-70.00	20.00	0.00014
-60.00	20.00	0.00015	-50.00	20.00	0.00016
-40.00	20.00	0.00017	-30.00	20.00	0.00019
-25.00	20.00	0.00020	-20.00	20.00	0.00021
-17.00	20.00	0.00022	-15.00	20.00	0.00023
-13.00	20.00	0.00023	-11.00	20.00	0.00024
-9.00	20.00	0.00025	9.00	20.00	0.00034
11.00	20.00	0.00035	13.00	20.00	0.00036
15.00	20.00	0.00037	17.00	20.00	0.00038
20.00	20.00	0.00039	25.00	20.00	0.00041
30.00	20.00	0.00043	40.00	20.00	0.00044
50.00	20.00	0.00045	60.00	20.00	0.00046
70.00	20.00	0.00046	80.00	20.00	0.00047
90.00	20.00	0.00047	100.00	20.00	0.00046
-100.00	30.00	0.00012	-90.00	30.00	0.00013
-80.00	30.00	0.00014	-70.00	30.00	0.00015
-60.00	30.00	0.00016	-50.00	30.00	0.00018
-40.00	30.00	0.00019	-30.00	30.00	0.00021
-25.00	30.00	0.00022	-20.00	30.00	0.00023
-17.00	30.00	0.00024	-15.00	30.00	0.00025
-13.00	30.00	0.00026	-11.00	30.00	0.00027
-9.00	30.00	0.00028	9.00	30.00	0.00038
11.00	30.00	0.00040	13.00	30.00	0.00041
15.00	30.00	0.00042	17.00	30.00	0.00044
20.00	30.00	0.00045	25.00	30.00	0.00047
30.00	30.00	0.00049	40.00	30.00	0.00050
50.00	30.00	0.00051	60.00	30.00	0.00052
70.00	30.00	0.00053	80.00	30.00	0.00053
90.00	30.00	0.00052	100.00	30.00	0.00051
-100.00	40.00	0.00013	-90.00	40.00	0.00014
-80.00	40.00	0.00016	-70.00	40.00	0.00017
-60.00	40.00	0.00018	-50.00	40.00	0.00019
-40.00	40.00	0.00021	-30.00	40.00	0.00023
-25.00	40.00	0.00024	-20.00	40.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 34

CONC URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	40.00	0.00027	-15.00	40.00	0.00028	
-13.00	40.00	0.00029	-11.00	40.00	0.00030	
-9.00	40.00	0.00031	9.00	40.00	0.00044	
11.00	40.00	0.00046	13.00	40.00	0.00047	
15.00	40.00	0.00049	17.00	40.00	0.00050	
20.00	40.00	0.00052	25.00	40.00	0.00055	
30.00	40.00	0.00056	40.00	40.00	0.00057	
50.00	40.00	0.00058	60.00	40.00	0.00060	
70.00	40.00	0.00060	80.00	40.00	0.00060	
90.00	40.00	0.00058	100.00	40.00	0.00056	
-100.00	50.00	0.00014	-90.00	50.00	0.00015	
-80.00	50.00	0.00017	-70.00	50.00	0.00018	
-60.00	50.00	0.00020	-50.00	50.00	0.00022	
-40.00	50.00	0.00023	-30.00	50.00	0.00026	
-25.00	50.00	0.00027	-20.00	50.00	0.00029	
-17.00	50.00	0.00030	-15.00	50.00	0.00031	
-13.00	50.00	0.00033	-11.00	50.00	0.00034	
-9.00	50.00	0.00035	9.00	50.00	0.00051	
11.00	50.00	0.00053	13.00	50.00	0.00055	
15.00	50.00	0.00057	17.00	50.00	0.00059	
20.00	50.00	0.00061	25.00	50.00	0.00063	
30.00	50.00	0.00065	40.00	50.00	0.00066	
50.00	50.00	0.00068	60.00	50.00	0.00069	
70.00	50.00	0.00069	80.00	50.00	0.00067	
90.00	50.00	0.00065	100.00	50.00	0.00061	
-100.00	60.00	0.00014	-90.00	60.00	0.00016	
-80.00	60.00	0.00018	-70.00	60.00	0.00020	
-60.00	60.00	0.00022	-50.00	60.00	0.00024	
-40.00	60.00	0.00026	-30.00	60.00	0.00029	
-25.00	60.00	0.00031	-20.00	60.00	0.00033	
-17.00	60.00	0.00034	-15.00	60.00	0.00036	
-13.00	60.00	0.00037	-11.00	60.00	0.00038	
-9.00	60.00	0.00040	9.00	60.00	0.00060	
11.00	60.00	0.00063	13.00	60.00	0.00065	
15.00	60.00	0.00067	17.00	60.00	0.00069	
20.00	60.00	0.00071	25.00	60.00	0.00074	
30.00	60.00	0.00076	40.00	60.00	0.00078	
50.00	60.00	0.00080	60.00	60.00	0.00080	
70.00	60.00	0.00079	80.00	60.00	0.00076	

90.00 60.00 09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound 0.00072 100.00 60.00 0.00067

1 *** ISCST3 - VERSION 02035 *** 04/18/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00015	-90.00	70.00	0.00017
-80.00	70.00	0.00019	-70.00	70.00	0.00021
-60.00	70.00	0.00024	-50.00	70.00	0.00027
-40.00	70.00	0.00030	-30.00	70.00	0.00033
-25.00	70.00	0.00035	-20.00	70.00	0.00037
-17.00	70.00	0.00039	-15.00	70.00	0.00040
-13.00	70.00	0.00042	-11.00	70.00	0.00044
-9.00	70.00	0.00046	9.00	70.00	0.00072
11.00	70.00	0.00075	13.00	70.00	0.00078
15.00	70.00	0.00080	17.00	70.00	0.00082
20.00	70.00	0.00085	25.00	70.00	0.00088
30.00	70.00	0.00089	40.00	70.00	0.00093
50.00	70.00	0.00094	60.00	70.00	0.00093
70.00	70.00	0.00090	80.00	70.00	0.00085
90.00	70.00	0.00079	100.00	70.00	0.00073
-100.00	80.00	0.00016	-90.00	80.00	0.00018
-80.00	80.00	0.00020	-70.00	80.00	0.00023
-60.00	80.00	0.00026	-50.00	80.00	0.00030
-40.00	80.00	0.00033	-30.00	80.00	0.00037
-25.00	80.00	0.00040	-20.00	80.00	0.00042
-17.00	80.00	0.00045	-15.00	80.00	0.00046
-13.00	80.00	0.00048	-11.00	80.00	0.00050
-9.00	80.00	0.00053	9.00	80.00	0.00087
11.00	80.00	0.00091	13.00	80.00	0.00094
15.00	80.00	0.00097	17.00	80.00	0.00099
20.00	80.00	0.00102	25.00	80.00	0.00105
30.00	80.00	0.00108	40.00	80.00	0.00111
50.00	80.00	0.00111	60.00	80.00	0.00107
70.00	80.00	0.00102	80.00	80.00	0.00094
90.00	80.00	0.00086	100.00	80.00	0.00078
-100.00	90.00	0.00016	-90.00	90.00	0.00019
-80.00	90.00	0.00021	-70.00	90.00	0.00025
-60.00	90.00	0.00028	-50.00	90.00	0.00033

		09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound			
-40.00	90.00	0.00038	-30.00	90.00	0.00043
-25.00	90.00	0.00045	-20.00	90.00	0.00049
-17.00	90.00	0.00051	-15.00	90.00	0.00053
-13.00	90.00	0.00055	-11.00	90.00	0.00058
-9.00	90.00	0.00061	9.00	90.00	0.00107
11.00	90.00	0.00112	13.00	90.00	0.00115
15.00	90.00	0.00119	17.00	90.00	0.00121

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
 18:47:46
 **MODELOPTs:
 PAGE 36 *** Maximum train overlap at North/South Bound Direction ***
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00124	25.00	90.00	0.00129
30.00	90.00	0.00132	40.00	90.00	0.00135
50.00	90.00	0.00131	60.00	90.00	0.00124
70.00	90.00	0.00114	80.00	90.00	0.00104
90.00	90.00	0.00093	100.00	90.00	0.00084
-100.00	100.00	0.00017	-90.00	100.00	0.00020
-80.00	100.00	0.00023	-70.00	100.00	0.00026
-60.00	100.00	0.00031	-50.00	100.00	0.00036
-40.00	100.00	0.00042	-30.00	100.00	0.00049
-25.00	100.00	0.00052	-20.00	100.00	0.00056
-17.00	100.00	0.00059	-15.00	100.00	0.00062
-13.00	100.00	0.00064	-11.00	100.00	0.00067
-9.00	100.00	0.00071	9.00	100.00	0.00133
11.00	100.00	0.00139	13.00	100.00	0.00144
15.00	100.00	0.00148	17.00	100.00	0.00151
20.00	100.00	0.00156	25.00	100.00	0.00161
30.00	100.00	0.00164	40.00	100.00	0.00161
50.00	100.00	0.00153	60.00	100.00	0.00140
70.00	100.00	0.00126	80.00	100.00	0.00113
90.00	100.00	0.00100	100.00	100.00	0.00089
-100.00	110.00	0.00018	-90.00	110.00	0.00021
-80.00	110.00	0.00024	-70.00	110.00	0.00028
-60.00	110.00	0.00033	-50.00	110.00	0.00039
-40.00	110.00	0.00046	-30.00	110.00	0.00055
-25.00	110.00	0.00060	-20.00	110.00	0.00066
-17.00	110.00	0.00069	-15.00	110.00	0.00072
-13.00	110.00	0.00075	-11.00	110.00	0.00079

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-9.00	110.00	0.00083	9.00	110.00	0.00170	
11.00	110.00	0.00178	13.00	110.00	0.00184	
15.00	110.00	0.00190	17.00	110.00	0.00194	
20.00	110.00	0.00199	25.00	110.00	0.00203	
30.00	110.00	0.00202	40.00	110.00	0.00192	
50.00	110.00	0.00175	60.00	110.00	0.00156	
70.00	110.00	0.00138	80.00	110.00	0.00121	
90.00	110.00	0.00106	100.00	110.00	0.00094	
-100.00	120.00	0.00019	-90.00	120.00	0.00022	
-80.00	120.00	0.00026	-70.00	120.00	0.00030	
-60.00	120.00	0.00036	-50.00	120.00	0.00042	
-40.00	120.00	0.00050	-30.00	120.00	0.00061	
-25.00	120.00	0.00067	-20.00	120.00	0.00074	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 37

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	120.00	0.00080	-15.00	120.00	0.00084	
-13.00	120.00	0.00088	-11.00	120.00	0.00093	
-9.00	120.00	0.00098	9.00	120.00	0.00227	
11.00	120.00	0.00237	13.00	120.00	0.00245	
15.00	120.00	0.00250	17.00	120.00	0.00253	
20.00	120.00	0.00255	25.00	120.00	0.00252	
30.00	120.00	0.00244	40.00	120.00	0.00221	
50.00	120.00	0.00197	60.00	120.00	0.00172	
70.00	120.00	0.00149	80.00	120.00	0.00129	
90.00	120.00	0.00112	100.00	120.00	0.00098	
-100.00	130.00	0.00020	-90.00	130.00	0.00023	
-80.00	130.00	0.00027	-70.00	130.00	0.00032	
-60.00	130.00	0.00038	-50.00	130.00	0.00046	
-40.00	130.00	0.00055	-30.00	130.00	0.00067	
-25.00	130.00	0.00074	-20.00	130.00	0.00083	
-17.00	130.00	0.00090	-15.00	130.00	0.00095	
-13.00	130.00	0.00100	-11.00	130.00	0.00107	
-9.00	130.00	0.00116	9.00	130.00	0.00322	
11.00	130.00	0.00325	13.00	130.00	0.00325	
15.00	130.00	0.00323	17.00	130.00	0.00320	
20.00	130.00	0.00314	25.00	130.00	0.00299	

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
30.00	130.00	0.00283	40.00	130.00	0.00250	
50.00	130.00	0.00217	60.00	130.00	0.00186	
70.00	130.00	0.00158	80.00	130.00	0.00135	
90.00	130.00	0.00116	100.00	130.00	0.00101	
-100.00	140.00	0.00021	-90.00	140.00	0.00024	
-80.00	140.00	0.00028	-70.00	140.00	0.00034	
-60.00	140.00	0.00040	-50.00	140.00	0.00049	
-40.00	140.00	0.00060	-30.00	140.00	0.00073	
-25.00	140.00	0.00082	-20.00	140.00	0.00093	
-17.00	140.00	0.00101	-15.00	140.00	0.00108	
-13.00	140.00	0.00116	-11.00	140.00	0.00128	
-9.00	140.00	0.00145	9.00	140.00	0.00439	
11.00	140.00	0.00420	13.00	140.00	0.00406	
15.00	140.00	0.00394	17.00	140.00	0.00383	
20.00	140.00	0.00367	25.00	140.00	0.00342	
30.00	140.00	0.00318	40.00	140.00	0.00273	
50.00	140.00	0.00232	60.00	140.00	0.00195	
70.00	140.00	0.00164	80.00	140.00	0.00139	
90.00	140.00	0.00119	100.00	140.00	0.00102	

1 *** ICSCT3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTS:
 PAGE 38
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00022	-90.00	150.00	0.00026
-80.00	150.00	0.00030	-70.00	150.00	0.00036
-60.00	150.00	0.00043	-50.00	150.00	0.00053
-40.00	150.00	0.00066	-30.00	150.00	0.00085
-25.00	150.00	0.00099	-20.00	150.00	0.00119
-17.00	150.00	0.00139	-15.00	150.00	0.00158
-13.00	150.00	0.00184	-11.00	150.00	0.00220
-9.00	150.00	0.00270	9.00	150.00	0.00569
11.00	150.00	0.00534	13.00	150.00	0.00505
15.00	150.00	0.00480	17.00	150.00	0.00458
20.00	150.00	0.00429	25.00	150.00	0.00388
30.00	150.00	0.00354	40.00	150.00	0.00295
50.00	150.00	0.00244	60.00	150.00	0.00202
70.00	150.00	0.00169	80.00	150.00	0.00142
90.00	150.00	0.00120	100.00	150.00	0.00102

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-100.00	160.00	0.00023	-90.00	160.00	0.00027	
-80.00	160.00	0.00032	-70.00	160.00	0.00038	
-60.00	160.00	0.00047	-50.00	160.00	0.00059	
-40.00	160.00	0.00078	-30.00	160.00	0.00110	
-25.00	160.00	0.00137	-20.00	160.00	0.00183	
-17.00	160.00	0.00223	-15.00	160.00	0.00257	
-13.00	160.00	0.00299	-11.00	160.00	0.00350	
-9.00	160.00	0.00415	9.00	160.00	0.00666	
11.00	160.00	0.00622	13.00	160.00	0.00587	
15.00	160.00	0.00556	17.00	160.00	0.00528	
20.00	160.00	0.00491	25.00	160.00	0.00437	
30.00	160.00	0.00391	40.00	160.00	0.00315	
50.00	160.00	0.00255	60.00	160.00	0.00208	
70.00	160.00	0.00172	80.00	160.00	0.00143	
90.00	160.00	0.00120	100.00	160.00	0.00102	
-100.00	170.00	0.00025	-90.00	170.00	0.00029	
-80.00	170.00	0.00035	-70.00	170.00	0.00043	
-60.00	170.00	0.00054	-50.00	170.00	0.00070	
-40.00	170.00	0.00097	-30.00	170.00	0.00150	
-25.00	170.00	0.00196	-20.00	170.00	0.00261	
-17.00	170.00	0.00313	-15.00	170.00	0.00355	
-13.00	170.00	0.00403	-11.00	170.00	0.00461	
-9.00	170.00	0.00530	9.00	170.00	0.00734	
11.00	170.00	0.00684	13.00	170.00	0.00643	
15.00	170.00	0.00608	17.00	170.00	0.00577	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTS:
 PAGE 39
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00535	25.00	170.00	0.00474
30.00	170.00	0.00420	40.00	170.00	0.00331
50.00	170.00	0.00263	60.00	170.00	0.00212
70.00	170.00	0.00173	80.00	170.00	0.00143
90.00	170.00	0.00120	100.00	170.00	0.00102
-100.00	180.00	0.00027	-90.00	180.00	0.00032
-80.00	180.00	0.00039	-70.00	180.00	0.00049
-60.00	180.00	0.00063	-50.00	180.00	0.00085
-40.00	180.00	0.00124	-30.00	180.00	0.00198

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-25.00	180.00	0.00255	-20.00	180.00	0.00331	
-17.00	180.00	0.00389	-15.00	180.00	0.00434	
-13.00	180.00	0.00486	-11.00	180.00	0.00546	
-9.00	180.00	0.00616	9.00	180.00	0.00780	
11.00	180.00	0.00724	13.00	180.00	0.00678	
15.00	180.00	0.00639	17.00	180.00	0.00605	
20.00	180.00	0.00559	25.00	180.00	0.00493	
30.00	180.00	0.00434	40.00	180.00	0.00339	
50.00	180.00	0.00267	60.00	180.00	0.00213	
70.00	180.00	0.00173	80.00	180.00	0.00143	
90.00	180.00	0.00120	100.00	180.00	0.00101	
-100.00	190.00	0.00029	-90.00	190.00	0.00035	
-80.00	190.00	0.00044	-70.00	190.00	0.00056	
-60.00	190.00	0.00075	-50.00	190.00	0.00105	
-40.00	190.00	0.00156	-30.00	190.00	0.00242	
-25.00	190.00	0.00305	-20.00	190.00	0.00388	
-17.00	190.00	0.00449	-15.00	190.00	0.00496	
-13.00	190.00	0.00548	-11.00	190.00	0.00608	
-9.00	190.00	0.00679	9.00	190.00	0.00805	
11.00	190.00	0.00744	13.00	190.00	0.00695	
15.00	190.00	0.00653	17.00	190.00	0.00615	
20.00	190.00	0.00565	25.00	190.00	0.00493	
30.00	190.00	0.00433	40.00	190.00	0.00337	
50.00	190.00	0.00266	60.00	190.00	0.00212	
70.00	190.00	0.00172	80.00	190.00	0.00142	
90.00	190.00	0.00119	100.00	190.00	0.00100	
-100.00	200.00	0.00032	-90.00	200.00	0.00039	
-80.00	200.00	0.00050	-70.00	200.00	0.00065	
-60.00	200.00	0.00089	-50.00	200.00	0.00126	
-40.00	200.00	0.00186	-30.00	200.00	0.00280	
-25.00	200.00	0.00347	-20.00	200.00	0.00431	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00494	-15.00	200.00	0.00541
-13.00	200.00	0.00594	-11.00	200.00	0.00653
-9.00	200.00	0.00723	9.00	200.00	0.00809

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00743	13.00	200.00	0.00690
15.00	200.00	0.00645	17.00	200.00	0.00604
20.00	200.00	0.00550	25.00	200.00	0.00476
30.00	200.00	0.00418	40.00	200.00	0.00326
50.00	200.00	0.00260	60.00	200.00	0.00209
70.00	200.00	0.00170	80.00	200.00	0.00140
90.00	200.00	0.00117	100.00	200.00	0.00099
-100.00	210.00	0.00035	-90.00	210.00	0.00044
-80.00	210.00	0.00057	-70.00	210.00	0.00075
-60.00	210.00	0.00104	-50.00	210.00	0.00147
-40.00	210.00	0.00213	-30.00	210.00	0.00312
-25.00	210.00	0.00380	-20.00	210.00	0.00466
-17.00	210.00	0.00528	-15.00	210.00	0.00574
-13.00	210.00	0.00626	-11.00	210.00	0.00684
-9.00	210.00	0.00751	9.00	210.00	0.00784
11.00	210.00	0.00714	13.00	210.00	0.00657
15.00	210.00	0.00610	17.00	210.00	0.00569
20.00	210.00	0.00517	25.00	210.00	0.00447
30.00	210.00	0.00393	40.00	210.00	0.00311
50.00	210.00	0.00249	60.00	210.00	0.00202
70.00	210.00	0.00165	80.00	210.00	0.00137
90.00	210.00	0.00115	100.00	210.00	0.00097
-100.00	220.00	0.00040	-90.00	220.00	0.00050
-80.00	220.00	0.00065	-70.00	220.00	0.00087
-60.00	220.00	0.00119	-50.00	220.00	0.00166
-40.00	220.00	0.00235	-30.00	220.00	0.00337
-25.00	220.00	0.00406	-20.00	220.00	0.00492
-17.00	220.00	0.00553	-15.00	220.00	0.00598
-13.00	220.00	0.00648	-11.00	220.00	0.00704
-9.00	220.00	0.00768	9.00	220.00	0.00715
11.00	220.00	0.00649	13.00	220.00	0.00596
15.00	220.00	0.00555	17.00	220.00	0.00520
20.00	220.00	0.00475	25.00	220.00	0.00414
30.00	220.00	0.00365	40.00	220.00	0.00291
50.00	220.00	0.00236	60.00	220.00	0.00194
70.00	220.00	0.00160	80.00	220.00	0.00133
90.00	220.00	0.00112	100.00	220.00	0.00095

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00044	-90.00	230.00	0.00056
-80.00	230.00	0.00074	-70.00	230.00	0.00098
-60.00	230.00	0.00133	-50.00	230.00	0.00183
-40.00	230.00	0.00254	-30.00	230.00	0.00357
-25.00	230.00	0.00426	-20.00	230.00	0.00510
-17.00	230.00	0.00569	-15.00	230.00	0.00612
-13.00	230.00	0.00660	-11.00	230.00	0.00711
-9.00	230.00	0.00766	9.00	230.00	0.00612
11.00	230.00	0.00569	13.00	230.00	0.00532
15.00	230.00	0.00499	17.00	230.00	0.00470
20.00	230.00	0.00432	25.00	230.00	0.00380
30.00	230.00	0.00337	40.00	230.00	0.00272
50.00	230.00	0.00224	60.00	230.00	0.00185
70.00	230.00	0.00155	80.00	230.00	0.00130
90.00	230.00	0.00110	100.00	230.00	0.00094
-100.00	240.00	0.00050	-90.00	240.00	0.00063
-80.00	240.00	0.00082	-70.00	240.00	0.00109
-60.00	240.00	0.00145	-50.00	240.00	0.00196
-40.00	240.00	0.00267	-30.00	240.00	0.00367
-25.00	240.00	0.00431	-20.00	240.00	0.00506
-17.00	240.00	0.00553	-15.00	240.00	0.00585
-13.00	240.00	0.00614	-11.00	240.00	0.00640
-9.00	240.00	0.00661	9.00	240.00	0.00489
11.00	240.00	0.00463	13.00	240.00	0.00440
15.00	240.00	0.00419	17.00	240.00	0.00400
20.00	240.00	0.00375	25.00	240.00	0.00337
30.00	240.00	0.00304	40.00	240.00	0.00250
50.00	240.00	0.00208	60.00	240.00	0.00175
70.00	240.00	0.00148	80.00	240.00	0.00126
90.00	240.00	0.00107	100.00	240.00	0.00092
-100.00	250.00	0.00055	-90.00	250.00	0.00070
-80.00	250.00	0.00090	-70.00	250.00	0.00117
-60.00	250.00	0.00154	-50.00	250.00	0.00204
-40.00	250.00	0.00271	-30.00	250.00	0.00360
-25.00	250.00	0.00410	-20.00	250.00	0.00460
-17.00	250.00	0.00486	-15.00	250.00	0.00502
-13.00	250.00	0.00515	-11.00	250.00	0.00524
-9.00	250.00	0.00530	9.00	250.00	0.00397
11.00	250.00	0.00377	13.00	250.00	0.00360
15.00	250.00	0.00344	17.00	250.00	0.00330

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00312	25.00	250.00	0.00286
30.00	250.00	0.00264	40.00	250.00	0.00224
50.00	250.00	0.00191	60.00	250.00	0.00163
70.00	250.00	0.00140	80.00	250.00	0.00120
90.00	250.00	0.00103	100.00	250.00	0.00090

1 *** ISCST3 - VERSION 02035 ***
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*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00004	-90.00	-250.00	0.00004
-80.00	-250.00	0.00004	-70.00	-250.00	0.00005
-60.00	-250.00	0.00005	-50.00	-250.00	0.00005
-40.00	-250.00	0.00005	-30.00	-250.00	0.00006
-25.00	-250.00	0.00006	-20.00	-250.00	0.00006
-17.00	-250.00	0.00006	-15.00	-250.00	0.00006
-13.00	-250.00	0.00006	-11.00	-250.00	0.00007
-9.00	-250.00	0.00007	9.00	-250.00	0.00008
11.00	-250.00	0.00008	13.00	-250.00	0.00008
15.00	-250.00	0.00008	17.00	-250.00	0.00008
20.00	-250.00	0.00008	25.00	-250.00	0.00009
30.00	-250.00	0.00009	40.00	-250.00	0.00010
50.00	-250.00	0.00010	60.00	-250.00	0.00010
70.00	-250.00	0.00011	80.00	-250.00	0.00011
90.00	-250.00	0.00011	100.00	-250.00	0.00011
-100.00	-240.00	0.00004	-90.00	-240.00	0.00004
-80.00	-240.00	0.00005	-70.00	-240.00	0.00005
-60.00	-240.00	0.00005	-50.00	-240.00	0.00005
-40.00	-240.00	0.00006	-30.00	-240.00	0.00006
-25.00	-240.00	0.00006	-20.00	-240.00	0.00006

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-17.00	-240.00	0.00007	-15.00	-240.00	0.00007	
-13.00	-240.00	0.00007	-11.00	-240.00	0.00007	
-9.00	-240.00	0.00007	9.00	-240.00	0.00008	
11.00	-240.00	0.00008	13.00	-240.00	0.00008	
15.00	-240.00	0.00008	17.00	-240.00	0.00009	
20.00	-240.00	0.00009	25.00	-240.00	0.00009	
30.00	-240.00	0.00010	40.00	-240.00	0.00010	
50.00	-240.00	0.00011	60.00	-240.00	0.00011	
70.00	-240.00	0.00011	80.00	-240.00	0.00012	
90.00	-240.00	0.00012	100.00	-240.00	0.00012	
-100.00	-230.00	0.00004	-90.00	-230.00	0.00005	
-80.00	-230.00	0.00005	-70.00	-230.00	0.00005	
-60.00	-230.00	0.00005	-50.00	-230.00	0.00006	
-40.00	-230.00	0.00006	-30.00	-230.00	0.00006	
-25.00	-230.00	0.00007	-20.00	-230.00	0.00007	
-17.00	-230.00	0.00007	-15.00	-230.00	0.00007	
-13.00	-230.00	0.00007	-11.00	-230.00	0.00007	
-9.00	-230.00	0.00007	9.00	-230.00	0.00009	
11.00	-230.00	0.00009	13.00	-230.00	0.00009	
15.00	-230.00	0.00009	17.00	-230.00	0.00009	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00009	25.00	-230.00	0.00010
30.00	-230.00	0.00010	40.00	-230.00	0.00011
50.00	-230.00	0.00011	60.00	-230.00	0.00012
70.00	-230.00	0.00012	80.00	-230.00	0.00012
90.00	-230.00	0.00012	100.00	-230.00	0.00012
-100.00	-220.00	0.00005	-90.00	-220.00	0.00005
-80.00	-220.00	0.00005	-70.00	-220.00	0.00005
-60.00	-220.00	0.00006	-50.00	-220.00	0.00006
-40.00	-220.00	0.00006	-30.00	-220.00	0.00007
-25.00	-220.00	0.00007	-20.00	-220.00	0.00007
-17.00	-220.00	0.00007	-15.00	-220.00	0.00007
-13.00	-220.00	0.00008	-11.00	-220.00	0.00008
-9.00	-220.00	0.00008	9.00	-220.00	0.00009
11.00	-220.00	0.00009	13.00	-220.00	0.00009

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

15.00	-220.00	0.00010	17.00	-220.00	0.00010
20.00	-220.00	0.00010	25.00	-220.00	0.00010
30.00	-220.00	0.00011	40.00	-220.00	0.00012
50.00	-220.00	0.00012	60.00	-220.00	0.00013
70.00	-220.00	0.00013	80.00	-220.00	0.00013
90.00	-220.00	0.00013	100.00	-220.00	0.00013
-100.00	-210.00	0.00005	-90.00	-210.00	0.00005
-80.00	-210.00	0.00005	-70.00	-210.00	0.00006
-60.00	-210.00	0.00006	-50.00	-210.00	0.00006
-40.00	-210.00	0.00007	-30.00	-210.00	0.00007
-25.00	-210.00	0.00007	-20.00	-210.00	0.00008
-17.00	-210.00	0.00008	-15.00	-210.00	0.00008
-13.00	-210.00	0.00008	-11.00	-210.00	0.00008
-9.00	-210.00	0.00008	9.00	-210.00	0.00010
11.00	-210.00	0.00010	13.00	-210.00	0.00010
15.00	-210.00	0.00010	17.00	-210.00	0.00010
20.00	-210.00	0.00011	25.00	-210.00	0.00011
30.00	-210.00	0.00012	40.00	-210.00	0.00012
50.00	-210.00	0.00013	60.00	-210.00	0.00014
70.00	-210.00	0.00014	80.00	-210.00	0.00014
90.00	-210.00	0.00014	100.00	-210.00	0.00014
-100.00	-200.00	0.00005	-90.00	-200.00	0.00005
-80.00	-200.00	0.00006	-70.00	-200.00	0.00006
-60.00	-200.00	0.00006	-50.00	-200.00	0.00006
-40.00	-200.00	0.00007	-30.00	-200.00	0.00007
-25.00	-200.00	0.00008	-20.00	-200.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00008	-15.00	-200.00	0.00008
-13.00	-200.00	0.00008	-11.00	-200.00	0.00009
-9.00	-200.00	0.00009	9.00	-200.00	0.00010
11.00	-200.00	0.00011	13.00	-200.00	0.00011
15.00	-200.00	0.00011	17.00	-200.00	0.00011
20.00	-200.00	0.00011	25.00	-200.00	0.00012
30.00	-200.00	0.00012	40.00	-200.00	0.00013
50.00	-200.00	0.00014	60.00	-200.00	0.00014

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

70.00	-200.00	0.00015	80.00	-200.00	0.00015
90.00	-200.00	0.00015	100.00	-200.00	0.00015
-100.00	-190.00	0.00005	-90.00	-190.00	0.00006
-80.00	-190.00	0.00006	-70.00	-190.00	0.00006
-60.00	-190.00	0.00006	-50.00	-190.00	0.00007
-40.00	-190.00	0.00007	-30.00	-190.00	0.00008
-25.00	-190.00	0.00008	-20.00	-190.00	0.00008
-17.00	-190.00	0.00009	-15.00	-190.00	0.00009
-13.00	-190.00	0.00009	-11.00	-190.00	0.00009
-9.00	-190.00	0.00009	9.00	-190.00	0.00011
11.00	-190.00	0.00011	13.00	-190.00	0.00012
15.00	-190.00	0.00012	17.00	-190.00	0.00012
20.00	-190.00	0.00012	25.00	-190.00	0.00013
30.00	-190.00	0.00013	40.00	-190.00	0.00014
50.00	-190.00	0.00015	60.00	-190.00	0.00016
70.00	-190.00	0.00016	80.00	-190.00	0.00016
90.00	-190.00	0.00016	100.00	-190.00	0.00016
-100.00	-180.00	0.00006	-90.00	-180.00	0.00006
-80.00	-180.00	0.00006	-70.00	-180.00	0.00006
-60.00	-180.00	0.00007	-50.00	-180.00	0.00007
-40.00	-180.00	0.00008	-30.00	-180.00	0.00008
-25.00	-180.00	0.00009	-20.00	-180.00	0.00009
-17.00	-180.00	0.00009	-15.00	-180.00	0.00009
-13.00	-180.00	0.00010	-11.00	-180.00	0.00010
-9.00	-180.00	0.00010	9.00	-180.00	0.00012
11.00	-180.00	0.00012	13.00	-180.00	0.00012
15.00	-180.00	0.00013	17.00	-180.00	0.00013
20.00	-180.00	0.00013	25.00	-180.00	0.00014
30.00	-180.00	0.00014	40.00	-180.00	0.00015
50.00	-180.00	0.00016	60.00	-180.00	0.00017
70.00	-180.00	0.00017	80.00	-180.00	0.00017
90.00	-180.00	0.00017	100.00	-180.00	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00006	-90.00	-170.00	0.00006
-80.00	-170.00	0.00007	-70.00	-170.00	0.00007

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-60.00	-170.00	0.00007	-50.00	-170.00	0.00008
-40.00	-170.00	0.00008	-30.00	-170.00	0.00009
-25.00	-170.00	0.00009	-20.00	-170.00	0.00010
-17.00	-170.00	0.00010	-15.00	-170.00	0.00010
-13.00	-170.00	0.00010	-11.00	-170.00	0.00010
-9.00	-170.00	0.00011	9.00	-170.00	0.00013
11.00	-170.00	0.00013	13.00	-170.00	0.00013
15.00	-170.00	0.00014	17.00	-170.00	0.00014
20.00	-170.00	0.00014	25.00	-170.00	0.00015
30.00	-170.00	0.00016	40.00	-170.00	0.00017
50.00	-170.00	0.00017	60.00	-170.00	0.00018
70.00	-170.00	0.00018	80.00	-170.00	0.00018
90.00	-170.00	0.00018	100.00	-170.00	0.00018
-100.00	-160.00	0.00006	-90.00	-160.00	0.00007
-80.00	-160.00	0.00007	-70.00	-160.00	0.00007
-60.00	-160.00	0.00008	-50.00	-160.00	0.00008
-40.00	-160.00	0.00009	-30.00	-160.00	0.00009
-25.00	-160.00	0.00010	-20.00	-160.00	0.00010
-17.00	-160.00	0.00011	-15.00	-160.00	0.00011
-13.00	-160.00	0.00011	-11.00	-160.00	0.00011
-9.00	-160.00	0.00011	9.00	-160.00	0.00014
11.00	-160.00	0.00014	13.00	-160.00	0.00014
15.00	-160.00	0.00015	17.00	-160.00	0.00015
20.00	-160.00	0.00016	25.00	-160.00	0.00016
30.00	-160.00	0.00017	40.00	-160.00	0.00018
50.00	-160.00	0.00019	60.00	-160.00	0.00019
70.00	-160.00	0.00019	80.00	-160.00	0.00020
90.00	-160.00	0.00020	100.00	-160.00	0.00020
-100.00	-150.00	0.00007	-90.00	-150.00	0.00007
-80.00	-150.00	0.00007	-70.00	-150.00	0.00008
-60.00	-150.00	0.00008	-50.00	-150.00	0.00009
-40.00	-150.00	0.00009	-30.00	-150.00	0.00010
-25.00	-150.00	0.00010	-20.00	-150.00	0.00011
-17.00	-150.00	0.00011	-15.00	-150.00	0.00012
-13.00	-150.00	0.00012	-11.00	-150.00	0.00012
-9.00	-150.00	0.00012	9.00	-150.00	0.00015
11.00	-150.00	0.00015	13.00	-150.00	0.00016
15.00	-150.00	0.00016	17.00	-150.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 47
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,
 Page 86

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00017	25.00	-150.00	0.00018
30.00	-150.00	0.00018	40.00	-150.00	0.00020
50.00	-150.00	0.00021	60.00	-150.00	0.00021
70.00	-150.00	0.00021	80.00	-150.00	0.00021
90.00	-150.00	0.00021	100.00	-150.00	0.00021
-100.00	-140.00	0.00007	-90.00	-140.00	0.00008
-80.00	-140.00	0.00008	-70.00	-140.00	0.00008
-60.00	-140.00	0.00009	-50.00	-140.00	0.00009
-40.00	-140.00	0.00010	-30.00	-140.00	0.00011
-25.00	-140.00	0.00011	-20.00	-140.00	0.00012
-17.00	-140.00	0.00012	-15.00	-140.00	0.00012
-13.00	-140.00	0.00013	-11.00	-140.00	0.00013
-9.00	-140.00	0.00013	9.00	-140.00	0.00016
11.00	-140.00	0.00017	13.00	-140.00	0.00017
15.00	-140.00	0.00017	17.00	-140.00	0.00018
20.00	-140.00	0.00018	25.00	-140.00	0.00019
30.00	-140.00	0.00020	40.00	-140.00	0.00022
50.00	-140.00	0.00022	60.00	-140.00	0.00023
70.00	-140.00	0.00023	80.00	-140.00	0.00023
90.00	-140.00	0.00023	100.00	-140.00	0.00023
-100.00	-130.00	0.00008	-90.00	-130.00	0.00008
-80.00	-130.00	0.00008	-70.00	-130.00	0.00009
-60.00	-130.00	0.00009	-50.00	-130.00	0.00010
-40.00	-130.00	0.00011	-30.00	-130.00	0.00011
-25.00	-130.00	0.00012	-20.00	-130.00	0.00013
-17.00	-130.00	0.00013	-15.00	-130.00	0.00013
-13.00	-130.00	0.00014	-11.00	-130.00	0.00014
-9.00	-130.00	0.00014	9.00	-130.00	0.00018
11.00	-130.00	0.00018	13.00	-130.00	0.00019
15.00	-130.00	0.00019	17.00	-130.00	0.00020
20.00	-130.00	0.00020	25.00	-130.00	0.00021
30.00	-130.00	0.00022	40.00	-130.00	0.00024
50.00	-130.00	0.00024	60.00	-130.00	0.00025
70.00	-130.00	0.00025	80.00	-130.00	0.00025
90.00	-130.00	0.00025	100.00	-130.00	0.00026
-100.00	-120.00	0.00008	-90.00	-120.00	0.00009
-80.00	-120.00	0.00009	-70.00	-120.00	0.00009
-60.00	-120.00	0.00010	-50.00	-120.00	0.00011
-40.00	-120.00	0.00011	-30.00	-120.00	0.00012
-25.00	-120.00	0.00013	-20.00	-120.00	0.00014

18:47:46
 **MODELOPTs:
 PAGE 48

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00014	-15.00	-120.00	0.00014
-13.00	-120.00	0.00015	-11.00	-120.00	0.00015
-9.00	-120.00	0.00016	9.00	-120.00	0.00020
11.00	-120.00	0.00020	13.00	-120.00	0.00021
15.00	-120.00	0.00021	17.00	-120.00	0.00022
20.00	-120.00	0.00022	25.00	-120.00	0.00023
30.00	-120.00	0.00024	40.00	-120.00	0.00026
50.00	-120.00	0.00027	60.00	-120.00	0.00027
70.00	-120.00	0.00027	80.00	-120.00	0.00027
90.00	-120.00	0.00028	100.00	-120.00	0.00028
-100.00	-110.00	0.00009	-90.00	-110.00	0.00009
-80.00	-110.00	0.00010	-70.00	-110.00	0.00010
-60.00	-110.00	0.00011	-50.00	-110.00	0.00011
-40.00	-110.00	0.00012	-30.00	-110.00	0.00013
-25.00	-110.00	0.00014	-20.00	-110.00	0.00015
-17.00	-110.00	0.00015	-15.00	-110.00	0.00016
-13.00	-110.00	0.00016	-11.00	-110.00	0.00016
-9.00	-110.00	0.00017	9.00	-110.00	0.00022
11.00	-110.00	0.00022	13.00	-110.00	0.00023
15.00	-110.00	0.00023	17.00	-110.00	0.00024
20.00	-110.00	0.00025	25.00	-110.00	0.00026
30.00	-110.00	0.00027	40.00	-110.00	0.00029
50.00	-110.00	0.00029	60.00	-110.00	0.00030
70.00	-110.00	0.00030	80.00	-110.00	0.00030
90.00	-110.00	0.00031	100.00	-110.00	0.00031
-100.00	-100.00	0.00009	-90.00	-100.00	0.00010
-80.00	-100.00	0.00010	-70.00	-100.00	0.00011
-60.00	-100.00	0.00012	-50.00	-100.00	0.00012
-40.00	-100.00	0.00013	-30.00	-100.00	0.00014
-25.00	-100.00	0.00015	-20.00	-100.00	0.00016
-17.00	-100.00	0.00017	-15.00	-100.00	0.00017
-13.00	-100.00	0.00018	-11.00	-100.00	0.00018
-9.00	-100.00	0.00019	9.00	-100.00	0.00024
11.00	-100.00	0.00025	13.00	-100.00	0.00025

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
15.00	-100.00	0.00026	17.00	-100.00	0.00027	
20.00	-100.00	0.00027	25.00	-100.00	0.00029	
30.00	-100.00	0.00030	40.00	-100.00	0.00032	
50.00	-100.00	0.00032	60.00	-100.00	0.00033	
70.00	-100.00	0.00033	80.00	-100.00	0.00033	
90.00	-100.00	0.00034	100.00	-100.00	0.00034	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
 PAGE 49

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00010	-90.00	-90.00	0.00011
-80.00	-90.00	0.00011	-70.00	-90.00	0.00012
-60.00	-90.00	0.00013	-50.00	-90.00	0.00013
-40.00	-90.00	0.00014	-30.00	-90.00	0.00016
-25.00	-90.00	0.00017	-20.00	-90.00	0.00018
-17.00	-90.00	0.00018	-15.00	-90.00	0.00019
-13.00	-90.00	0.00019	-11.00	-90.00	0.00020
-9.00	-90.00	0.00020	9.00	-90.00	0.00027
11.00	-90.00	0.00027	13.00	-90.00	0.00028
15.00	-90.00	0.00029	17.00	-90.00	0.00030
20.00	-90.00	0.00031	25.00	-90.00	0.00032
30.00	-90.00	0.00034	40.00	-90.00	0.00035
50.00	-90.00	0.00036	60.00	-90.00	0.00036
70.00	-90.00	0.00037	80.00	-90.00	0.00037
90.00	-90.00	0.00038	100.00	-90.00	0.00038
-100.00	-80.00	0.00011	-90.00	-80.00	0.00012
-80.00	-80.00	0.00012	-70.00	-80.00	0.00013
-60.00	-80.00	0.00014	-50.00	-80.00	0.00015
-40.00	-80.00	0.00016	-30.00	-80.00	0.00017
-25.00	-80.00	0.00018	-20.00	-80.00	0.00019
-17.00	-80.00	0.00020	-15.00	-80.00	0.00021
-13.00	-80.00	0.00021	-11.00	-80.00	0.00022
-9.00	-80.00	0.00022	9.00	-80.00	0.00030
11.00	-80.00	0.00031	13.00	-80.00	0.00032
15.00	-80.00	0.00033	17.00	-80.00	0.00033
20.00	-80.00	0.00035	25.00	-80.00	0.00037
30.00	-80.00	0.00038	40.00	-80.00	0.00040
50.00	-80.00	0.00040	60.00	-80.00	0.00040

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
70.00	-80.00	0.00041	80.00	-80.00	0.00042	
90.00	-80.00	0.00042	100.00	-80.00	0.00042	
-100.00	-70.00	0.00012	-90.00	-70.00	0.00012	
-80.00	-70.00	0.00013	-70.00	-70.00	0.00014	
-60.00	-70.00	0.00015	-50.00	-70.00	0.00016	
-40.00	-70.00	0.00017	-30.00	-70.00	0.00019	
-25.00	-70.00	0.00020	-20.00	-70.00	0.00021	
-17.00	-70.00	0.00022	-15.00	-70.00	0.00023	
-13.00	-70.00	0.00023	-11.00	-70.00	0.00024	
-9.00	-70.00	0.00025	9.00	-70.00	0.00034	
11.00	-70.00	0.00035	13.00	-70.00	0.00036	
15.00	-70.00	0.00037	17.00	-70.00	0.00038	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
 PAGE 50

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00039	25.00	-70.00	0.00041
30.00	-70.00	0.00043	40.00	-70.00	0.00044
50.00	-70.00	0.00045	60.00	-70.00	0.00046
70.00	-70.00	0.00046	80.00	-70.00	0.00047
90.00	-70.00	0.00047	100.00	-70.00	0.00046
-100.00	-60.00	0.00012	-90.00	-60.00	0.00013
-80.00	-60.00	0.00014	-70.00	-60.00	0.00015
-60.00	-60.00	0.00016	-50.00	-60.00	0.00018
-40.00	-60.00	0.00019	-30.00	-60.00	0.00021
-25.00	-60.00	0.00022	-20.00	-60.00	0.00023
-17.00	-60.00	0.00024	-15.00	-60.00	0.00025
-13.00	-60.00	0.00026	-11.00	-60.00	0.00027
-9.00	-60.00	0.00028	9.00	-60.00	0.00038
11.00	-60.00	0.00040	13.00	-60.00	0.00041
15.00	-60.00	0.00042	17.00	-60.00	0.00044
20.00	-60.00	0.00045	25.00	-60.00	0.00047
30.00	-60.00	0.00049	40.00	-60.00	0.00050
50.00	-60.00	0.00051	60.00	-60.00	0.00052
70.00	-60.00	0.00053	80.00	-60.00	0.00053
90.00	-60.00	0.00052	100.00	-60.00	0.00051
-100.00	-50.00	0.00013	-90.00	-50.00	0.00014
-80.00	-50.00	0.00016	-70.00	-50.00	0.00017

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-60.00	-50.00	0.00018	-50.00	-50.00	0.00019	
-40.00	-50.00	0.00021	-30.00	-50.00	0.00023	
-25.00	-50.00	0.00024	-20.00	-50.00	0.00026	
-17.00	-50.00	0.00027	-15.00	-50.00	0.00028	
-13.00	-50.00	0.00029	-11.00	-50.00	0.00030	
-9.00	-50.00	0.00031	9.00	-50.00	0.00044	
11.00	-50.00	0.00046	13.00	-50.00	0.00047	
15.00	-50.00	0.00049	17.00	-50.00	0.00050	
20.00	-50.00	0.00052	25.00	-50.00	0.00055	
30.00	-50.00	0.00056	40.00	-50.00	0.00057	
50.00	-50.00	0.00058	60.00	-50.00	0.00060	
70.00	-50.00	0.00060	80.00	-50.00	0.00060	
90.00	-50.00	0.00058	100.00	-50.00	0.00056	
-100.00	-40.00	0.00014	-90.00	-40.00	0.00015	
-80.00	-40.00	0.00017	-70.00	-40.00	0.00018	
-60.00	-40.00	0.00020	-50.00	-40.00	0.00022	
-40.00	-40.00	0.00023	-30.00	-40.00	0.00026	
-25.00	-40.00	0.00027	-20.00	-40.00	0.00029	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:47:46 *** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
 PAGE 51

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00030	-15.00	-40.00	0.00031
-13.00	-40.00	0.00033	-11.00	-40.00	0.00034
-9.00	-40.00	0.00035	9.00	-40.00	0.00051
11.00	-40.00	0.00053	13.00	-40.00	0.00055
15.00	-40.00	0.00057	17.00	-40.00	0.00059
20.00	-40.00	0.00061	25.00	-40.00	0.00063
30.00	-40.00	0.00065	40.00	-40.00	0.00066
50.00	-40.00	0.00068	60.00	-40.00	0.00069
70.00	-40.00	0.00069	80.00	-40.00	0.00067
90.00	-40.00	0.00065	100.00	-40.00	0.00061
-100.00	-30.00	0.00014	-90.00	-30.00	0.00016
-80.00	-30.00	0.00018	-70.00	-30.00	0.00020
-60.00	-30.00	0.00022	-50.00	-30.00	0.00024
-40.00	-30.00	0.00026	-30.00	-30.00	0.00029
-25.00	-30.00	0.00031	-20.00	-30.00	0.00033
-17.00	-30.00	0.00034	-15.00	-30.00	0.00036

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
-13.00	-30.00	0.00037	-11.00	-30.00	0.00038
-9.00	-30.00	0.00040	9.00	-30.00	0.00060
11.00	-30.00	0.00063	13.00	-30.00	0.00065
15.00	-30.00	0.00067	17.00	-30.00	0.00069
20.00	-30.00	0.00071	25.00	-30.00	0.00074
30.00	-30.00	0.00076	40.00	-30.00	0.00078
50.00	-30.00	0.00080	60.00	-30.00	0.00080
70.00	-30.00	0.00079	80.00	-30.00	0.00076
90.00	-30.00	0.00072	100.00	-30.00	0.00067
-100.00	-20.00	0.00015	-90.00	-20.00	0.00017
-80.00	-20.00	0.00019	-70.00	-20.00	0.00021
-60.00	-20.00	0.00024	-50.00	-20.00	0.00027
-40.00	-20.00	0.00030	-30.00	-20.00	0.00033
-25.00	-20.00	0.00035	-20.00	-20.00	0.00037
-17.00	-20.00	0.00039	-15.00	-20.00	0.00040
-13.00	-20.00	0.00042	-11.00	-20.00	0.00044
-9.00	-20.00	0.00046	9.00	-20.00	0.00072
11.00	-20.00	0.00075	13.00	-20.00	0.00078
15.00	-20.00	0.00080	17.00	-20.00	0.00082
20.00	-20.00	0.00085	25.00	-20.00	0.00088
30.00	-20.00	0.00089	40.00	-20.00	0.00093
50.00	-20.00	0.00094	60.00	-20.00	0.00093
70.00	-20.00	0.00090	80.00	-20.00	0.00085
90.00	-20.00	0.00079	100.00	-20.00	0.00073

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08

18:47:46

**MODELOPTs:

PAGE 52

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00016	-90.00	-10.00	0.00018
-80.00	-10.00	0.00020	-70.00	-10.00	0.00023
-60.00	-10.00	0.00026	-50.00	-10.00	0.00030
-40.00	-10.00	0.00033	-30.00	-10.00	0.00037
-25.00	-10.00	0.00040	-20.00	-10.00	0.00042
-17.00	-10.00	0.00045	-15.00	-10.00	0.00046
-13.00	-10.00	0.00048	-11.00	-10.00	0.00050
-9.00	-10.00	0.00053	9.00	-10.00	0.00087
11.00	-10.00	0.00091	13.00	-10.00	0.00094
15.00	-10.00	0.00097	17.00	-10.00	0.00099

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00102	25.00	-10.00	0.00105
30.00	-10.00	0.00108	40.00	-10.00	0.00111
50.00	-10.00	0.00111	60.00	-10.00	0.00107
70.00	-10.00	0.00102	80.00	-10.00	0.00094
90.00	-10.00	0.00086	100.00	-10.00	0.00078
-100.00	0.00	0.00016	-90.00	0.00	0.00019
-80.00	0.00	0.00021	-70.00	0.00	0.00025
-60.00	0.00	0.00028	-50.00	0.00	0.00033
-40.00	0.00	0.00038	-30.00	0.00	0.00043
-25.00	0.00	0.00045	-20.00	0.00	0.00049
-17.00	0.00	0.00051	-15.00	0.00	0.00053
-13.00	0.00	0.00055	-11.00	0.00	0.00058
-9.00	0.00	0.00061	9.00	0.00	0.00107
11.00	0.00	0.00112	13.00	0.00	0.00115
15.00	0.00	0.00119	17.00	0.00	0.00121
20.00	0.00	0.00124	25.00	0.00	0.00129
30.00	0.00	0.00132	40.00	0.00	0.00135
50.00	0.00	0.00131	60.00	0.00	0.00124
70.00	0.00	0.00114	80.00	0.00	0.00104
90.00	0.00	0.00093	100.00	0.00	0.00084
-100.00	10.00	0.00017	-90.00	10.00	0.00020
-80.00	10.00	0.00023	-70.00	10.00	0.00026
-60.00	10.00	0.00031	-50.00	10.00	0.00036
-40.00	10.00	0.00042	-30.00	10.00	0.00049
-25.00	10.00	0.00052	-20.00	10.00	0.00056
-17.00	10.00	0.00059	-15.00	10.00	0.00062
-13.00	10.00	0.00064	-11.00	10.00	0.00067
-9.00	10.00	0.00071	9.00	10.00	0.00133
11.00	10.00	0.00139	13.00	10.00	0.00144
15.00	10.00	0.00148	17.00	10.00	0.00151

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00156	25.00	10.00	0.00161
30.00	10.00	0.00164	40.00	10.00	0.00161
50.00	10.00	0.00153	60.00	10.00	0.00140
70.00	10.00	0.00126	80.00	10.00	0.00113

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
90.00	10.00	0.00100	100.00	10.00	0.00089	
-100.00	20.00	0.00018	-90.00	20.00	0.00021	
-80.00	20.00	0.00024	-70.00	20.00	0.00028	
-60.00	20.00	0.00033	-50.00	20.00	0.00039	
-40.00	20.00	0.00046	-30.00	20.00	0.00055	
-25.00	20.00	0.00060	-20.00	20.00	0.00066	
-17.00	20.00	0.00069	-15.00	20.00	0.00072	
-13.00	20.00	0.00075	-11.00	20.00	0.00079	
-9.00	20.00	0.00083	9.00	20.00	0.00170	
11.00	20.00	0.00178	13.00	20.00	0.00184	
15.00	20.00	0.00190	17.00	20.00	0.00194	
20.00	20.00	0.00199	25.00	20.00	0.00203	
30.00	20.00	0.00202	40.00	20.00	0.00192	
50.00	20.00	0.00175	60.00	20.00	0.00156	
70.00	20.00	0.00138	80.00	20.00	0.00121	
90.00	20.00	0.00106	100.00	20.00	0.00094	
-100.00	30.00	0.00019	-90.00	30.00	0.00022	
-80.00	30.00	0.00026	-70.00	30.00	0.00030	
-60.00	30.00	0.00036	-50.00	30.00	0.00042	
-40.00	30.00	0.00050	-30.00	30.00	0.00061	
-25.00	30.00	0.00067	-20.00	30.00	0.00074	
-17.00	30.00	0.00080	-15.00	30.00	0.00084	
-13.00	30.00	0.00088	-11.00	30.00	0.00093	
-9.00	30.00	0.00098	9.00	30.00	0.00227	
11.00	30.00	0.00237	13.00	30.00	0.00245	
15.00	30.00	0.00250	17.00	30.00	0.00253	
20.00	30.00	0.00255	25.00	30.00	0.00252	
30.00	30.00	0.00244	40.00	30.00	0.00221	
50.00	30.00	0.00197	60.00	30.00	0.00172	
70.00	30.00	0.00149	80.00	30.00	0.00129	
90.00	30.00	0.00112	100.00	30.00	0.00098	
-100.00	40.00	0.00020	-90.00	40.00	0.00023	
-80.00	40.00	0.00027	-70.00	40.00	0.00032	
-60.00	40.00	0.00038	-50.00	40.00	0.00046	
-40.00	40.00	0.00055	-30.00	40.00	0.00067	
-25.00	40.00	0.00074	-20.00	40.00	0.00083	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M***3 **

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00090	-15.00	40.00	0.00095
-13.00	40.00	0.00100	-11.00	40.00	0.00107
-9.00	40.00	0.00116	9.00	40.00	0.00322
11.00	40.00	0.00325	13.00	40.00	0.00325
15.00	40.00	0.00323	17.00	40.00	0.00320
20.00	40.00	0.00314	25.00	40.00	0.00299
30.00	40.00	0.00283	40.00	40.00	0.00250
50.00	40.00	0.00217	60.00	40.00	0.00186
70.00	40.00	0.00158	80.00	40.00	0.00135
90.00	40.00	0.00116	100.00	40.00	0.00101
-100.00	50.00	0.00021	-90.00	50.00	0.00024
-80.00	50.00	0.00028	-70.00	50.00	0.00034
-60.00	50.00	0.00040	-50.00	50.00	0.00049
-40.00	50.00	0.00060	-30.00	50.00	0.00073
-25.00	50.00	0.00082	-20.00	50.00	0.00093
-17.00	50.00	0.00101	-15.00	50.00	0.00108
-13.00	50.00	0.00116	-11.00	50.00	0.00128
-9.00	50.00	0.00145	9.00	50.00	0.00439
11.00	50.00	0.00420	13.00	50.00	0.00406
15.00	50.00	0.00394	17.00	50.00	0.00383
20.00	50.00	0.00367	25.00	50.00	0.00342
30.00	50.00	0.00318	40.00	50.00	0.00273
50.00	50.00	0.00232	60.00	50.00	0.00195
70.00	50.00	0.00164	80.00	50.00	0.00139
90.00	50.00	0.00119	100.00	50.00	0.00102
-100.00	60.00	0.00022	-90.00	60.00	0.00026
-80.00	60.00	0.00030	-70.00	60.00	0.00036
-60.00	60.00	0.00043	-50.00	60.00	0.00053
-40.00	60.00	0.00066	-30.00	60.00	0.00085
-25.00	60.00	0.00099	-20.00	60.00	0.00119
-17.00	60.00	0.00139	-15.00	60.00	0.00158
-13.00	60.00	0.00184	-11.00	60.00	0.00220
-9.00	60.00	0.00270	9.00	60.00	0.00569
11.00	60.00	0.00534	13.00	60.00	0.00505
15.00	60.00	0.00480	17.00	60.00	0.00458
20.00	60.00	0.00429	25.00	60.00	0.00388
30.00	60.00	0.00354	40.00	60.00	0.00295
50.00	60.00	0.00244	60.00	60.00	0.00202
70.00	60.00	0.00169	80.00	60.00	0.00142
90.00	60.00	0.00120	100.00	60.00	0.00102

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

18:47:46

*** Maximum train overlap at North/South Bound Direction

**MODELOPTs:
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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00023	-90.00	70.00	0.00027	
-80.00	70.00	0.00032	-70.00	70.00	0.00038	
-60.00	70.00	0.00047	-50.00	70.00	0.00059	
-40.00	70.00	0.00078	-30.00	70.00	0.00110	
-25.00	70.00	0.00137	-20.00	70.00	0.00183	
-17.00	70.00	0.00223	-15.00	70.00	0.00257	
-13.00	70.00	0.00299	-11.00	70.00	0.00350	
-9.00	70.00	0.00415	9.00	70.00	0.00666	
11.00	70.00	0.00622	13.00	70.00	0.00587	
15.00	70.00	0.00556	17.00	70.00	0.00528	
20.00	70.00	0.00491	25.00	70.00	0.00437	
30.00	70.00	0.00391	40.00	70.00	0.00315	
50.00	70.00	0.00255	60.00	70.00	0.00208	
70.00	70.00	0.00172	80.00	70.00	0.00143	
90.00	70.00	0.00120	100.00	70.00	0.00102	
-100.00	80.00	0.00025	-90.00	80.00	0.00029	
-80.00	80.00	0.00035	-70.00	80.00	0.00043	
-60.00	80.00	0.00054	-50.00	80.00	0.00070	
-40.00	80.00	0.00097	-30.00	80.00	0.00150	
-25.00	80.00	0.00196	-20.00	80.00	0.00261	
-17.00	80.00	0.00313	-15.00	80.00	0.00355	
-13.00	80.00	0.00403	-11.00	80.00	0.00461	
-9.00	80.00	0.00530	9.00	80.00	0.00734	
11.00	80.00	0.00684	13.00	80.00	0.00643	
15.00	80.00	0.00608	17.00	80.00	0.00577	
20.00	80.00	0.00535	25.00	80.00	0.00474	
30.00	80.00	0.00420	40.00	80.00	0.00331	
50.00	80.00	0.00263	60.00	80.00	0.00212	
70.00	80.00	0.00173	80.00	80.00	0.00143	
90.00	80.00	0.00120	100.00	80.00	0.00102	
-100.00	90.00	0.00027	-90.00	90.00	0.00032	
-80.00	90.00	0.00039	-70.00	90.00	0.00049	
-60.00	90.00	0.00063	-50.00	90.00	0.00085	
-40.00	90.00	0.00124	-30.00	90.00	0.00198	
-25.00	90.00	0.00255	-20.00	90.00	0.00331	
-17.00	90.00	0.00389	-15.00	90.00	0.00434	

		09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound			
-13.00	90.00	0.00486	-11.00	90.00	0.00546
-9.00	90.00	0.00616	9.00	90.00	0.00780
11.00	90.00	0.00724	13.00	90.00	0.00678
15.00	90.00	0.00639	17.00	90.00	0.00605

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00559	25.00	90.00	0.00493
30.00	90.00	0.00434	40.00	90.00	0.00339
50.00	90.00	0.00267	60.00	90.00	0.00213
70.00	90.00	0.00173	80.00	90.00	0.00143
90.00	90.00	0.00120	100.00	90.00	0.00101
-100.00	100.00	0.00029	-90.00	100.00	0.00035
-80.00	100.00	0.00044	-70.00	100.00	0.00056
-60.00	100.00	0.00075	-50.00	100.00	0.00105
-40.00	100.00	0.00156	-30.00	100.00	0.00242
-25.00	100.00	0.00305	-20.00	100.00	0.00388
-17.00	100.00	0.00449	-15.00	100.00	0.00496
-13.00	100.00	0.00548	-11.00	100.00	0.00608
-9.00	100.00	0.00679	9.00	100.00	0.00805
11.00	100.00	0.00744	13.00	100.00	0.00695
15.00	100.00	0.00653	17.00	100.00	0.00615
20.00	100.00	0.00565	25.00	100.00	0.00493
30.00	100.00	0.00433	40.00	100.00	0.00337
50.00	100.00	0.00266	60.00	100.00	0.00212
70.00	100.00	0.00172	80.00	100.00	0.00142
90.00	100.00	0.00119	100.00	100.00	0.00100
-100.00	110.00	0.00032	-90.00	110.00	0.00039
-80.00	110.00	0.00050	-70.00	110.00	0.00065
-60.00	110.00	0.00089	-50.00	110.00	0.00126
-40.00	110.00	0.00186	-30.00	110.00	0.00280
-25.00	110.00	0.00347	-20.00	110.00	0.00431
-17.00	110.00	0.00494	-15.00	110.00	0.00541
-13.00	110.00	0.00594	-11.00	110.00	0.00653
-9.00	110.00	0.00723	9.00	110.00	0.00809
11.00	110.00	0.00743	13.00	110.00	0.00690
15.00	110.00	0.00645	17.00	110.00	0.00604

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
20.00	110.00	0.00550	25.00	110.00	0.00476	
30.00	110.00	0.00418	40.00	110.00	0.00326	
50.00	110.00	0.00260	60.00	110.00	0.00209	
70.00	110.00	0.00170	80.00	110.00	0.00140	
90.00	110.00	0.00117	100.00	110.00	0.00099	
-100.00	120.00	0.00035	-90.00	120.00	0.00044	
-80.00	120.00	0.00057	-70.00	120.00	0.00075	
-60.00	120.00	0.00104	-50.00	120.00	0.00147	
-40.00	120.00	0.00213	-30.00	120.00	0.00312	
-25.00	120.00	0.00380	-20.00	120.00	0.00466	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00528	-15.00	120.00	0.00574
-13.00	120.00	0.00626	-11.00	120.00	0.00684
-9.00	120.00	0.00751	9.00	120.00	0.00784
11.00	120.00	0.00714	13.00	120.00	0.00657
15.00	120.00	0.00610	17.00	120.00	0.00569
20.00	120.00	0.00517	25.00	120.00	0.00447
30.00	120.00	0.00393	40.00	120.00	0.00311
50.00	120.00	0.00249	60.00	120.00	0.00202
70.00	120.00	0.00165	80.00	120.00	0.00137
90.00	120.00	0.00115	100.00	120.00	0.00097
-100.00	130.00	0.00040	-90.00	130.00	0.00050
-80.00	130.00	0.00065	-70.00	130.00	0.00087
-60.00	130.00	0.00119	-50.00	130.00	0.00166
-40.00	130.00	0.00235	-30.00	130.00	0.00337
-25.00	130.00	0.00406	-20.00	130.00	0.00492
-17.00	130.00	0.00553	-15.00	130.00	0.00598
-13.00	130.00	0.00648	-11.00	130.00	0.00704
-9.00	130.00	0.00768	9.00	130.00	0.00715
11.00	130.00	0.00649	13.00	130.00	0.00596
15.00	130.00	0.00555	17.00	130.00	0.00520
20.00	130.00	0.00475	25.00	130.00	0.00414
30.00	130.00	0.00365	40.00	130.00	0.00291
50.00	130.00	0.00236	60.00	130.00	0.00194
70.00	130.00	0.00160	80.00	130.00	0.00133

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
90.00	130.00	0.00112	100.00	130.00	0.00095	
-100.00	140.00	0.00044	-90.00	140.00	0.00056	
-80.00	140.00	0.00074	-70.00	140.00	0.00098	
-60.00	140.00	0.00133	-50.00	140.00	0.00183	
-40.00	140.00	0.00254	-30.00	140.00	0.00357	
-25.00	140.00	0.00426	-20.00	140.00	0.00510	
-17.00	140.00	0.00569	-15.00	140.00	0.00612	
-13.00	140.00	0.00660	-11.00	140.00	0.00711	
-9.00	140.00	0.00766	9.00	140.00	0.00612	
11.00	140.00	0.00569	13.00	140.00	0.00532	
15.00	140.00	0.00499	17.00	140.00	0.00470	
20.00	140.00	0.00432	25.00	140.00	0.00380	
30.00	140.00	0.00337	40.00	140.00	0.00272	
50.00	140.00	0.00224	60.00	140.00	0.00185	
70.00	140.00	0.00155	80.00	140.00	0.00130	
90.00	140.00	0.00110	100.00	140.00	0.00094	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	150.00	0.00050	-90.00	150.00	0.00063	
-80.00	150.00	0.00082	-70.00	150.00	0.00109	
-60.00	150.00	0.00145	-50.00	150.00	0.00196	
-40.00	150.00	0.00267	-30.00	150.00	0.00367	
-25.00	150.00	0.00431	-20.00	150.00	0.00506	
-17.00	150.00	0.00553	-15.00	150.00	0.00585	
-13.00	150.00	0.00614	-11.00	150.00	0.00640	
-9.00	150.00	0.00661	9.00	150.00	0.00489	
11.00	150.00	0.00463	13.00	150.00	0.00440	
15.00	150.00	0.00419	17.00	150.00	0.00400	
20.00	150.00	0.00375	25.00	150.00	0.00337	
30.00	150.00	0.00304	40.00	150.00	0.00250	
50.00	150.00	0.00208	60.00	150.00	0.00175	
70.00	150.00	0.00148	80.00	150.00	0.00126	
90.00	150.00	0.00107	100.00	150.00	0.00092	
-100.00	160.00	0.00055	-90.00	160.00	0.00070	
-80.00	160.00	0.00090	-70.00	160.00	0.00117	
-60.00	160.00	0.00154	-50.00	160.00	0.00204	

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-40.00	160.00	0.00271	-30.00	160.00	0.00360	
-25.00	160.00	0.00410	-20.00	160.00	0.00460	
-17.00	160.00	0.00486	-15.00	160.00	0.00502	
-13.00	160.00	0.00515	-11.00	160.00	0.00524	
-9.00	160.00	0.00530	9.00	160.00	0.00397	
11.00	160.00	0.00377	13.00	160.00	0.00360	
15.00	160.00	0.00344	17.00	160.00	0.00330	
20.00	160.00	0.00312	25.00	160.00	0.00286	
30.00	160.00	0.00264	40.00	160.00	0.00224	
50.00	160.00	0.00191	60.00	160.00	0.00163	
70.00	160.00	0.00140	80.00	160.00	0.00120	
90.00	160.00	0.00103	100.00	160.00	0.00090	
-100.00	170.00	0.00060	-90.00	170.00	0.00075	
-80.00	170.00	0.00096	-70.00	170.00	0.00124	
-60.00	170.00	0.00159	-50.00	170.00	0.00206	
-40.00	170.00	0.00265	-30.00	170.00	0.00333	
-25.00	170.00	0.00365	-20.00	170.00	0.00394	
-17.00	170.00	0.00408	-15.00	170.00	0.00416	
-13.00	170.00	0.00421	-11.00	170.00	0.00425	
-9.00	170.00	0.00425	9.00	170.00	0.00327	
11.00	170.00	0.00313	13.00	170.00	0.00300	
15.00	170.00	0.00287	17.00	170.00	0.00276	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTS:
 PAGE 59
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00262	25.00	170.00	0.00241
30.00	170.00	0.00224	40.00	170.00	0.00196
50.00	170.00	0.00171	60.00	170.00	0.00149
70.00	170.00	0.00130	80.00	170.00	0.00113
90.00	170.00	0.00099	100.00	170.00	0.00086
-100.00	180.00	0.00064	-90.00	180.00	0.00080
-80.00	180.00	0.00101	-70.00	180.00	0.00127
-60.00	180.00	0.00160	-50.00	180.00	0.00201
-40.00	180.00	0.00248	-30.00	180.00	0.00295
-25.00	180.00	0.00316	-20.00	180.00	0.00333
-17.00	180.00	0.00341	-15.00	180.00	0.00344
-13.00	180.00	0.00346	-11.00	180.00	0.00346

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-9.00	180.00	0.00344	9.00	180.00	0.00273	
11.00	180.00	0.00262	13.00	180.00	0.00252	
15.00	180.00	0.00243	17.00	180.00	0.00234	
20.00	180.00	0.00222	25.00	180.00	0.00205	
30.00	180.00	0.00192	40.00	180.00	0.00170	
50.00	180.00	0.00151	60.00	180.00	0.00135	
70.00	180.00	0.00119	80.00	180.00	0.00106	
90.00	180.00	0.00093	100.00	180.00	0.00083	
-100.00	190.00	0.00067	-90.00	190.00	0.00083	
-80.00	190.00	0.00103	-70.00	190.00	0.00128	
-60.00	190.00	0.00157	-50.00	190.00	0.00190	
-40.00	190.00	0.00225	-30.00	190.00	0.00257	
-25.00	190.00	0.00271	-20.00	190.00	0.00281	
-17.00	190.00	0.00285	-15.00	190.00	0.00286	
-13.00	190.00	0.00286	-11.00	190.00	0.00285	
-9.00	190.00	0.00283	9.00	190.00	0.00230	
11.00	190.00	0.00222	13.00	190.00	0.00215	
15.00	190.00	0.00207	17.00	190.00	0.00201	
20.00	190.00	0.00191	25.00	190.00	0.00177	
30.00	190.00	0.00165	40.00	190.00	0.00147	
50.00	190.00	0.00133	60.00	190.00	0.00120	
70.00	190.00	0.00108	80.00	190.00	0.00097	
90.00	190.00	0.00087	100.00	190.00	0.00078	
-100.00	200.00	0.00070	-90.00	200.00	0.00085	
-80.00	200.00	0.00104	-70.00	200.00	0.00125	
-60.00	200.00	0.00150	-50.00	200.00	0.00176	
-40.00	200.00	0.00201	-30.00	200.00	0.00224	
-25.00	200.00	0.00233	-20.00	200.00	0.00239	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00240	-15.00	200.00	0.00241
-13.00	200.00	0.00240	-11.00	200.00	0.00238
-9.00	200.00	0.00236	9.00	200.00	0.00196
11.00	200.00	0.00190	13.00	200.00	0.00184
15.00	200.00	0.00179	17.00	200.00	0.00173
20.00	200.00	0.00166	25.00	200.00	0.00154

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00144	40.00	200.00	0.00129
50.00	200.00	0.00117	60.00	200.00	0.00107
70.00	200.00	0.00098	80.00	200.00	0.00089
90.00	200.00	0.00081	100.00	200.00	0.00073
-100.00	210.00	0.00071	-90.00	210.00	0.00086
-80.00	210.00	0.00102	-70.00	210.00	0.00121
-60.00	210.00	0.00141	-50.00	210.00	0.00160
-40.00	210.00	0.00179	-30.00	210.00	0.00195
-25.00	210.00	0.00201	-20.00	210.00	0.00204
-17.00	210.00	0.00205	-15.00	210.00	0.00204
-13.00	210.00	0.00203	-11.00	210.00	0.00202
-9.00	210.00	0.00200	9.00	210.00	0.00168
11.00	210.00	0.00164	13.00	210.00	0.00160
15.00	210.00	0.00155	17.00	210.00	0.00151
20.00	210.00	0.00145	25.00	210.00	0.00135
30.00	210.00	0.00127	40.00	210.00	0.00114
50.00	210.00	0.00103	60.00	210.00	0.00095
70.00	210.00	0.00088	80.00	210.00	0.00081
90.00	210.00	0.00075	100.00	210.00	0.00068
-100.00	220.00	0.00072	-90.00	220.00	0.00085
-80.00	220.00	0.00099	-70.00	220.00	0.00115
-60.00	220.00	0.00130	-50.00	220.00	0.00145
-40.00	220.00	0.00160	-30.00	220.00	0.00171
-25.00	220.00	0.00175	-20.00	220.00	0.00176
-17.00	220.00	0.00176	-15.00	220.00	0.00175
-13.00	220.00	0.00174	-11.00	220.00	0.00173
-9.00	220.00	0.00171	9.00	220.00	0.00146
11.00	220.00	0.00143	13.00	220.00	0.00140
15.00	220.00	0.00136	17.00	220.00	0.00133
20.00	220.00	0.00128	25.00	220.00	0.00120
30.00	220.00	0.00113	40.00	220.00	0.00101
50.00	220.00	0.00092	60.00	220.00	0.00085
70.00	220.00	0.00079	80.00	220.00	0.00074
90.00	220.00	0.00068	100.00	220.00	0.00063

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
-100.00	230.00	0.00071	-90.00	230.00	0.00083
-80.00	230.00	0.00095	-70.00	230.00	0.00107
-60.00	230.00	0.00120	-50.00	230.00	0.00132
-40.00	230.00	0.00143	-30.00	230.00	0.00151
-25.00	230.00	0.00153	-20.00	230.00	0.00153
-17.00	230.00	0.00152	-15.00	230.00	0.00152
-13.00	230.00	0.00151	-11.00	230.00	0.00149
-9.00	230.00	0.00148	9.00	230.00	0.00128
11.00	230.00	0.00126	13.00	230.00	0.00123
15.00	230.00	0.00120	17.00	230.00	0.00117
20.00	230.00	0.00113	25.00	230.00	0.00107
30.00	230.00	0.00101	40.00	230.00	0.00091
50.00	230.00	0.00083	60.00	230.00	0.00077
70.00	230.00	0.00071	80.00	230.00	0.00067
90.00	230.00	0.00062	100.00	230.00	0.00058
-100.00	240.00	0.00070	-90.00	240.00	0.00080
-80.00	240.00	0.00090	-70.00	240.00	0.00100
-60.00	240.00	0.00110	-50.00	240.00	0.00119
-40.00	240.00	0.00128	-30.00	240.00	0.00133
-25.00	240.00	0.00134	-20.00	240.00	0.00134
-17.00	240.00	0.00133	-15.00	240.00	0.00133
-13.00	240.00	0.00132	-11.00	240.00	0.00131
-9.00	240.00	0.00129	9.00	240.00	0.00113
11.00	240.00	0.00111	13.00	240.00	0.00109
15.00	240.00	0.00107	17.00	240.00	0.00104
20.00	240.00	0.00101	25.00	240.00	0.00096
30.00	240.00	0.00091	40.00	240.00	0.00082
50.00	240.00	0.00075	60.00	240.00	0.00069
70.00	240.00	0.00065	80.00	240.00	0.00061
90.00	240.00	0.00057	100.00	240.00	0.00054
-100.00	250.00	0.00068	-90.00	250.00	0.00076
-80.00	250.00	0.00084	-70.00	250.00	0.00093
-60.00	250.00	0.00101	-50.00	250.00	0.00108
-40.00	250.00	0.00115	-30.00	250.00	0.00119
-25.00	250.00	0.00119	-20.00	250.00	0.00118
-17.00	250.00	0.00118	-15.00	250.00	0.00117
-13.00	250.00	0.00116	-11.00	250.00	0.00115
-9.00	250.00	0.00114	9.00	250.00	0.00101
11.00	250.00	0.00099	13.00	250.00	0.00097
15.00	250.00	0.00095	17.00	250.00	0.00094

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00091	25.00	250.00	0.00086
30.00	250.00	0.00082	40.00	250.00	0.00074
50.00	250.00	0.00068	60.00	250.00	0.00063
70.00	250.00	0.00059	80.00	250.00	0.00055
90.00	250.00	0.00052	100.00	250.00	0.00050

1 *** ISCST3 - VERSION 02035 *** ** NCRA Cumulative DPM Impacts ***

04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00006	-90.00	-250.00	0.00007
-80.00	-250.00	0.00007	-70.00	-250.00	0.00007
-60.00	-250.00	0.00008	-50.00	-250.00	0.00008
-40.00	-250.00	0.00009	-30.00	-250.00	0.00009
-25.00	-250.00	0.00010	-20.00	-250.00	0.00010
-17.00	-250.00	0.00011	-15.00	-250.00	0.00011
-13.00	-250.00	0.00011	-11.00	-250.00	0.00011
-9.00	-250.00	0.00011	9.00	-250.00	0.00014
11.00	-250.00	0.00014	13.00	-250.00	0.00014
15.00	-250.00	0.00015	17.00	-250.00	0.00015
20.00	-250.00	0.00016	25.00	-250.00	0.00016
30.00	-250.00	0.00017	40.00	-250.00	0.00018
50.00	-250.00	0.00019	60.00	-250.00	0.00019
70.00	-250.00	0.00019	80.00	-250.00	0.00020
90.00	-250.00	0.00020	100.00	-250.00	0.00020
-100.00	-240.00	0.00007	-90.00	-240.00	0.00007
-80.00	-240.00	0.00007	-70.00	-240.00	0.00008
-60.00	-240.00	0.00008	-50.00	-240.00	0.00009
-40.00	-240.00	0.00009	-30.00	-240.00	0.00010
-25.00	-240.00	0.00010	-20.00	-240.00	0.00011
-17.00	-240.00	0.00011	-15.00	-240.00	0.00012
-13.00	-240.00	0.00012	-11.00	-240.00	0.00012
-9.00	-240.00	0.00012	9.00	-240.00	0.00015

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
11.00	-240.00	0.00015	13.00	-240.00	0.00016
15.00	-240.00	0.00016	17.00	-240.00	0.00016
20.00	-240.00	0.00017	25.00	-240.00	0.00018
30.00	-240.00	0.00018	40.00	-240.00	0.00020
50.00	-240.00	0.00021	60.00	-240.00	0.00021
70.00	-240.00	0.00021	80.00	-240.00	0.00021
90.00	-240.00	0.00021	100.00	-240.00	0.00021
-100.00	-230.00	0.00007	-90.00	-230.00	0.00008
-80.00	-230.00	0.00008	-70.00	-230.00	0.00008
-60.00	-230.00	0.00009	-50.00	-230.00	0.00009
-40.00	-230.00	0.00010	-30.00	-230.00	0.00011
-25.00	-230.00	0.00011	-20.00	-230.00	0.00012
-17.00	-230.00	0.00012	-15.00	-230.00	0.00012
-13.00	-230.00	0.00013	-11.00	-230.00	0.00013
-9.00	-230.00	0.00013	9.00	-230.00	0.00016
11.00	-230.00	0.00017	13.00	-230.00	0.00017
15.00	-230.00	0.00017	17.00	-230.00	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00018	25.00	-230.00	0.00019
30.00	-230.00	0.00020	40.00	-230.00	0.00022
50.00	-230.00	0.00022	60.00	-230.00	0.00023
70.00	-230.00	0.00023	80.00	-230.00	0.00023
90.00	-230.00	0.00023	100.00	-230.00	0.00023
-100.00	-220.00	0.00008	-90.00	-220.00	0.00008
-80.00	-220.00	0.00008	-70.00	-220.00	0.00009
-60.00	-220.00	0.00009	-50.00	-220.00	0.00010
-40.00	-220.00	0.00011	-30.00	-220.00	0.00011
-25.00	-220.00	0.00012	-20.00	-220.00	0.00013
-17.00	-220.00	0.00013	-15.00	-220.00	0.00013
-13.00	-220.00	0.00014	-11.00	-220.00	0.00014
-9.00	-220.00	0.00014	9.00	-220.00	0.00018
11.00	-220.00	0.00018	13.00	-220.00	0.00019
15.00	-220.00	0.00019	17.00	-220.00	0.00020
20.00	-220.00	0.00020	25.00	-220.00	0.00021
30.00	-220.00	0.00022	40.00	-220.00	0.00024

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

50.00	-220.00	0.00024	60.00	-220.00	0.00025
70.00	-220.00	0.00025	80.00	-220.00	0.00025
90.00	-220.00	0.00025	100.00	-220.00	0.00026
-100.00	-210.00	0.00008	-90.00	-210.00	0.00009
-80.00	-210.00	0.00009	-70.00	-210.00	0.00009
-60.00	-210.00	0.00010	-50.00	-210.00	0.00011
-40.00	-210.00	0.00011	-30.00	-210.00	0.00012
-25.00	-210.00	0.00013	-20.00	-210.00	0.00014
-17.00	-210.00	0.00014	-15.00	-210.00	0.00014
-13.00	-210.00	0.00015	-11.00	-210.00	0.00015
-9.00	-210.00	0.00016	9.00	-210.00	0.00020
11.00	-210.00	0.00020	13.00	-210.00	0.00021
15.00	-210.00	0.00021	17.00	-210.00	0.00022
20.00	-210.00	0.00022	25.00	-210.00	0.00023
30.00	-210.00	0.00024	40.00	-210.00	0.00026
50.00	-210.00	0.00027	60.00	-210.00	0.00027
70.00	-210.00	0.00027	80.00	-210.00	0.00027
90.00	-210.00	0.00028	100.00	-210.00	0.00028
-100.00	-200.00	0.00009	-90.00	-200.00	0.00009
-80.00	-200.00	0.00010	-70.00	-200.00	0.00010
-60.00	-200.00	0.00011	-50.00	-200.00	0.00011
-40.00	-200.00	0.00012	-30.00	-200.00	0.00013
-25.00	-200.00	0.00014	-20.00	-200.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 65
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00015	-15.00	-200.00	0.00016
-13.00	-200.00	0.00016	-11.00	-200.00	0.00016
-9.00	-200.00	0.00017	9.00	-200.00	0.00022
11.00	-200.00	0.00022	13.00	-200.00	0.00023
15.00	-200.00	0.00023	17.00	-200.00	0.00024
20.00	-200.00	0.00025	25.00	-200.00	0.00026
30.00	-200.00	0.00027	40.00	-200.00	0.00029
50.00	-200.00	0.00029	60.00	-200.00	0.00030
70.00	-200.00	0.00030	80.00	-200.00	0.00030
90.00	-200.00	0.00031	100.00	-200.00	0.00031
-100.00	-190.00	0.00009	-90.00	-190.00	0.00010

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00010	-70.00	-190.00	0.00011
-60.00	-190.00	0.00012	-50.00	-190.00	0.00012
-40.00	-190.00	0.00013	-30.00	-190.00	0.00014
-25.00	-190.00	0.00015	-20.00	-190.00	0.00016
-17.00	-190.00	0.00017	-15.00	-190.00	0.00017
-13.00	-190.00	0.00018	-11.00	-190.00	0.00018
-9.00	-190.00	0.00019	9.00	-190.00	0.00024
11.00	-190.00	0.00025	13.00	-190.00	0.00025
15.00	-190.00	0.00026	17.00	-190.00	0.00027
20.00	-190.00	0.00027	25.00	-190.00	0.00029
30.00	-190.00	0.00030	40.00	-190.00	0.00032
50.00	-190.00	0.00032	60.00	-190.00	0.00033
70.00	-190.00	0.00033	80.00	-190.00	0.00033
90.00	-190.00	0.00034	100.00	-190.00	0.00034
-100.00	-180.00	0.00010	-90.00	-180.00	0.00011
-80.00	-180.00	0.00011	-70.00	-180.00	0.00012
-60.00	-180.00	0.00013	-50.00	-180.00	0.00013
-40.00	-180.00	0.00014	-30.00	-180.00	0.00016
-25.00	-180.00	0.00017	-20.00	-180.00	0.00018
-17.00	-180.00	0.00018	-15.00	-180.00	0.00019
-13.00	-180.00	0.00019	-11.00	-180.00	0.00020
-9.00	-180.00	0.00020	9.00	-180.00	0.00027
11.00	-180.00	0.00027	13.00	-180.00	0.00028
15.00	-180.00	0.00029	17.00	-180.00	0.00030
20.00	-180.00	0.00031	25.00	-180.00	0.00032
30.00	-180.00	0.00034	40.00	-180.00	0.00035
50.00	-180.00	0.00036	60.00	-180.00	0.00036
70.00	-180.00	0.00037	80.00	-180.00	0.00037
90.00	-180.00	0.00038	100.00	-180.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
 PAGE 66

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

*** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00011	-90.00	-170.00	0.00012
-80.00	-170.00	0.00012	-70.00	-170.00	0.00013
-60.00	-170.00	0.00014	-50.00	-170.00	0.00015
-40.00	-170.00	0.00016	-30.00	-170.00	0.00017
-25.00	-170.00	0.00018	-20.00	-170.00	0.00019

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00020	-15.00	-170.00	0.00021
-13.00	-170.00	0.00021	-11.00	-170.00	0.00022
-9.00	-170.00	0.00022	9.00	-170.00	0.00030
11.00	-170.00	0.00031	13.00	-170.00	0.00032
15.00	-170.00	0.00033	17.00	-170.00	0.00033
20.00	-170.00	0.00035	25.00	-170.00	0.00037
30.00	-170.00	0.00038	40.00	-170.00	0.00040
50.00	-170.00	0.00040	60.00	-170.00	0.00040
70.00	-170.00	0.00041	80.00	-170.00	0.00042
90.00	-170.00	0.00042	100.00	-170.00	0.00042
-100.00	-160.00	0.00012	-90.00	-160.00	0.00012
-80.00	-160.00	0.00013	-70.00	-160.00	0.00014
-60.00	-160.00	0.00015	-50.00	-160.00	0.00016
-40.00	-160.00	0.00017	-30.00	-160.00	0.00019
-25.00	-160.00	0.00020	-20.00	-160.00	0.00021
-17.00	-160.00	0.00022	-15.00	-160.00	0.00023
-13.00	-160.00	0.00023	-11.00	-160.00	0.00024
-9.00	-160.00	0.00025	9.00	-160.00	0.00034
11.00	-160.00	0.00035	13.00	-160.00	0.00036
15.00	-160.00	0.00037	17.00	-160.00	0.00038
20.00	-160.00	0.00039	25.00	-160.00	0.00041
30.00	-160.00	0.00043	40.00	-160.00	0.00044
50.00	-160.00	0.00045	60.00	-160.00	0.00046
70.00	-160.00	0.00046	80.00	-160.00	0.00047
90.00	-160.00	0.00047	100.00	-160.00	0.00046
-100.00	-150.00	0.00012	-90.00	-150.00	0.00013
-80.00	-150.00	0.00014	-70.00	-150.00	0.00015
-60.00	-150.00	0.00016	-50.00	-150.00	0.00018
-40.00	-150.00	0.00019	-30.00	-150.00	0.00021
-25.00	-150.00	0.00022	-20.00	-150.00	0.00023
-17.00	-150.00	0.00024	-15.00	-150.00	0.00025
-13.00	-150.00	0.00026	-11.00	-150.00	0.00027
-9.00	-150.00	0.00028	9.00	-150.00	0.00038
11.00	-150.00	0.00040	13.00	-150.00	0.00041
15.00	-150.00	0.00042	17.00	-150.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:

PAGE 67

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

20.00	-150.00	0.00045	25.00	-150.00	0.00047
30.00	-150.00	0.00049	40.00	-150.00	0.00050
50.00	-150.00	0.00051	60.00	-150.00	0.00052
70.00	-150.00	0.00053	80.00	-150.00	0.00053
90.00	-150.00	0.00052	100.00	-150.00	0.00051
-100.00	-140.00	0.00013	-90.00	-140.00	0.00014
-80.00	-140.00	0.00016	-70.00	-140.00	0.00017
-60.00	-140.00	0.00018	-50.00	-140.00	0.00019
-40.00	-140.00	0.00021	-30.00	-140.00	0.00023
-25.00	-140.00	0.00024	-20.00	-140.00	0.00026
-17.00	-140.00	0.00027	-15.00	-140.00	0.00028
-13.00	-140.00	0.00029	-11.00	-140.00	0.00030
-9.00	-140.00	0.00031	9.00	-140.00	0.00044
11.00	-140.00	0.00046	13.00	-140.00	0.00047
15.00	-140.00	0.00049	17.00	-140.00	0.00050
20.00	-140.00	0.00052	25.00	-140.00	0.00055
30.00	-140.00	0.00056	40.00	-140.00	0.00057
50.00	-140.00	0.00058	60.00	-140.00	0.00060
70.00	-140.00	0.00060	80.00	-140.00	0.00060
90.00	-140.00	0.00058	100.00	-140.00	0.00056
-100.00	-130.00	0.00014	-90.00	-130.00	0.00015
-80.00	-130.00	0.00017	-70.00	-130.00	0.00018
-60.00	-130.00	0.00020	-50.00	-130.00	0.00022
-40.00	-130.00	0.00023	-30.00	-130.00	0.00026
-25.00	-130.00	0.00027	-20.00	-130.00	0.00029
-17.00	-130.00	0.00030	-15.00	-130.00	0.00031
-13.00	-130.00	0.00033	-11.00	-130.00	0.00034
-9.00	-130.00	0.00035	9.00	-130.00	0.00051
11.00	-130.00	0.00053	13.00	-130.00	0.00055
15.00	-130.00	0.00057	17.00	-130.00	0.00059
20.00	-130.00	0.00061	25.00	-130.00	0.00063
30.00	-130.00	0.00065	40.00	-130.00	0.00066
50.00	-130.00	0.00068	60.00	-130.00	0.00069
70.00	-130.00	0.00069	80.00	-130.00	0.00067
90.00	-130.00	0.00065	100.00	-130.00	0.00061
-100.00	-120.00	0.00014	-90.00	-120.00	0.00016
-80.00	-120.00	0.00018	-70.00	-120.00	0.00020
-60.00	-120.00	0.00022	-50.00	-120.00	0.00024
-40.00	-120.00	0.00026	-30.00	-120.00	0.00029
-25.00	-120.00	0.00031	-20.00	-120.00	0.00033

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

18:47:46
**MODELOPTs:
PAGE 68

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	-120.00	0.00034	-15.00	-120.00	0.00036	
-13.00	-120.00	0.00037	-11.00	-120.00	0.00038	
-9.00	-120.00	0.00040	9.00	-120.00	0.00060	
11.00	-120.00	0.00063	13.00	-120.00	0.00065	
15.00	-120.00	0.00067	17.00	-120.00	0.00069	
20.00	-120.00	0.00071	25.00	-120.00	0.00074	
30.00	-120.00	0.00076	40.00	-120.00	0.00078	
50.00	-120.00	0.00080	60.00	-120.00	0.00080	
70.00	-120.00	0.00079	80.00	-120.00	0.00076	
90.00	-120.00	0.00072	100.00	-120.00	0.00067	
-100.00	-110.00	0.00015	-90.00	-110.00	0.00017	
-80.00	-110.00	0.00019	-70.00	-110.00	0.00021	
-60.00	-110.00	0.00024	-50.00	-110.00	0.00027	
-40.00	-110.00	0.00030	-30.00	-110.00	0.00033	
-25.00	-110.00	0.00035	-20.00	-110.00	0.00037	
-17.00	-110.00	0.00039	-15.00	-110.00	0.00040	
-13.00	-110.00	0.00042	-11.00	-110.00	0.00044	
-9.00	-110.00	0.00046	9.00	-110.00	0.00072	
11.00	-110.00	0.00075	13.00	-110.00	0.00078	
15.00	-110.00	0.00080	17.00	-110.00	0.00082	
20.00	-110.00	0.00085	25.00	-110.00	0.00088	
30.00	-110.00	0.00089	40.00	-110.00	0.00093	
50.00	-110.00	0.00094	60.00	-110.00	0.00093	
70.00	-110.00	0.00090	80.00	-110.00	0.00085	
90.00	-110.00	0.00079	100.00	-110.00	0.00073	
-100.00	-100.00	0.00016	-90.00	-100.00	0.00018	
-80.00	-100.00	0.00020	-70.00	-100.00	0.00023	
-60.00	-100.00	0.00026	-50.00	-100.00	0.00030	
-40.00	-100.00	0.00033	-30.00	-100.00	0.00037	
-25.00	-100.00	0.00040	-20.00	-100.00	0.00042	
-17.00	-100.00	0.00045	-15.00	-100.00	0.00046	
-13.00	-100.00	0.00048	-11.00	-100.00	0.00050	
-9.00	-100.00	0.00053	9.00	-100.00	0.00087	
11.00	-100.00	0.00091	13.00	-100.00	0.00094	
15.00	-100.00	0.00097	17.00	-100.00	0.00099	
20.00	-100.00	0.00102	25.00	-100.00	0.00105	
30.00	-100.00	0.00108	40.00	-100.00	0.00111	

	50.00	-100.00	09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound 0.00111	60.00	-100.00	0.00107
	70.00	-100.00	0.00102	80.00	-100.00	0.00094
	90.00	-100.00	0.00086	100.00	-100.00	0.00078

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 69

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00016	-90.00	-90.00	0.00019
-80.00	-90.00	0.00021	-70.00	-90.00	0.00025
-60.00	-90.00	0.00028	-50.00	-90.00	0.00033
-40.00	-90.00	0.00038	-30.00	-90.00	0.00043
-25.00	-90.00	0.00045	-20.00	-90.00	0.00049
-17.00	-90.00	0.00051	-15.00	-90.00	0.00053
-13.00	-90.00	0.00055	-11.00	-90.00	0.00058
-9.00	-90.00	0.00061	9.00	-90.00	0.00107
11.00	-90.00	0.00112	13.00	-90.00	0.00115
15.00	-90.00	0.00119	17.00	-90.00	0.00121
20.00	-90.00	0.00124	25.00	-90.00	0.00129
30.00	-90.00	0.00132	40.00	-90.00	0.00135
50.00	-90.00	0.00131	60.00	-90.00	0.00124
70.00	-90.00	0.00114	80.00	-90.00	0.00104
90.00	-90.00	0.00093	100.00	-90.00	0.00084
-100.00	-80.00	0.00017	-90.00	-80.00	0.00020
-80.00	-80.00	0.00023	-70.00	-80.00	0.00026
-60.00	-80.00	0.00031	-50.00	-80.00	0.00036
-40.00	-80.00	0.00042	-30.00	-80.00	0.00049
-25.00	-80.00	0.00052	-20.00	-80.00	0.00056
-17.00	-80.00	0.00059	-15.00	-80.00	0.00062
-13.00	-80.00	0.00064	-11.00	-80.00	0.00067
-9.00	-80.00	0.00071	9.00	-80.00	0.00133
11.00	-80.00	0.00139	13.00	-80.00	0.00144
15.00	-80.00	0.00148	17.00	-80.00	0.00151
20.00	-80.00	0.00156	25.00	-80.00	0.00161
30.00	-80.00	0.00164	40.00	-80.00	0.00161
50.00	-80.00	0.00153	60.00	-80.00	0.00140
70.00	-80.00	0.00126	80.00	-80.00	0.00113
90.00	-80.00	0.00100	100.00	-80.00	0.00089
-100.00	-70.00	0.00018	-90.00	-70.00	0.00021

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-80.00	-70.00	0.00024	-70.00	-70.00	0.00028	
-60.00	-70.00	0.00033	-50.00	-70.00	0.00039	
-40.00	-70.00	0.00046	-30.00	-70.00	0.00055	
-25.00	-70.00	0.00060	-20.00	-70.00	0.00066	
-17.00	-70.00	0.00069	-15.00	-70.00	0.00072	
-13.00	-70.00	0.00075	-11.00	-70.00	0.00079	
-9.00	-70.00	0.00083	9.00	-70.00	0.00170	
11.00	-70.00	0.00178	13.00	-70.00	0.00184	
15.00	-70.00	0.00190	17.00	-70.00	0.00194	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

*** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00199	25.00	-70.00	0.00203
30.00	-70.00	0.00202	40.00	-70.00	0.00192
50.00	-70.00	0.00175	60.00	-70.00	0.00156
70.00	-70.00	0.00138	80.00	-70.00	0.00121
90.00	-70.00	0.00106	100.00	-70.00	0.00094
-100.00	-60.00	0.00019	-90.00	-60.00	0.00022
-80.00	-60.00	0.00026	-70.00	-60.00	0.00030
-60.00	-60.00	0.00036	-50.00	-60.00	0.00042
-40.00	-60.00	0.00050	-30.00	-60.00	0.00061
-25.00	-60.00	0.00067	-20.00	-60.00	0.00074
-17.00	-60.00	0.00080	-15.00	-60.00	0.00084
-13.00	-60.00	0.00088	-11.00	-60.00	0.00093
-9.00	-60.00	0.00098	9.00	-60.00	0.00227
11.00	-60.00	0.00237	13.00	-60.00	0.00245
15.00	-60.00	0.00250	17.00	-60.00	0.00253
20.00	-60.00	0.00255	25.00	-60.00	0.00252
30.00	-60.00	0.00244	40.00	-60.00	0.00221
50.00	-60.00	0.00197	60.00	-60.00	0.00172
70.00	-60.00	0.00149	80.00	-60.00	0.00129
90.00	-60.00	0.00112	100.00	-60.00	0.00098
-100.00	-50.00	0.00020	-90.00	-50.00	0.00023
-80.00	-50.00	0.00027	-70.00	-50.00	0.00032
-60.00	-50.00	0.00038	-50.00	-50.00	0.00046
-40.00	-50.00	0.00055	-30.00	-50.00	0.00067
-25.00	-50.00	0.00074	-20.00	-50.00	0.00083

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-17.00	-50.00	0.00090	-15.00	-50.00	0.00095	
-13.00	-50.00	0.00100	-11.00	-50.00	0.00107	
-9.00	-50.00	0.00116	9.00	-50.00	0.00322	
11.00	-50.00	0.00325	13.00	-50.00	0.00325	
15.00	-50.00	0.00323	17.00	-50.00	0.00320	
20.00	-50.00	0.00314	25.00	-50.00	0.00299	
30.00	-50.00	0.00283	40.00	-50.00	0.00250	
50.00	-50.00	0.00217	60.00	-50.00	0.00186	
70.00	-50.00	0.00158	80.00	-50.00	0.00135	
90.00	-50.00	0.00116	100.00	-50.00	0.00101	
-100.00	-40.00	0.00021	-90.00	-40.00	0.00024	
-80.00	-40.00	0.00028	-70.00	-40.00	0.00034	
-60.00	-40.00	0.00040	-50.00	-40.00	0.00049	
-40.00	-40.00	0.00060	-30.00	-40.00	0.00073	
-25.00	-40.00	0.00082	-20.00	-40.00	0.00093	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
*** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00101	-15.00	-40.00	0.00108
-13.00	-40.00	0.00116	-11.00	-40.00	0.00128
-9.00	-40.00	0.00145	9.00	-40.00	0.00439
11.00	-40.00	0.00420	13.00	-40.00	0.00406
15.00	-40.00	0.00394	17.00	-40.00	0.00383
20.00	-40.00	0.00367	25.00	-40.00	0.00342
30.00	-40.00	0.00318	40.00	-40.00	0.00273
50.00	-40.00	0.00232	60.00	-40.00	0.00195
70.00	-40.00	0.00164	80.00	-40.00	0.00139
90.00	-40.00	0.00119	100.00	-40.00	0.00102
-100.00	-30.00	0.00022	-90.00	-30.00	0.00026
-80.00	-30.00	0.00030	-70.00	-30.00	0.00036
-60.00	-30.00	0.00043	-50.00	-30.00	0.00053
-40.00	-30.00	0.00066	-30.00	-30.00	0.00085
-25.00	-30.00	0.00099	-20.00	-30.00	0.00119
-17.00	-30.00	0.00139	-15.00	-30.00	0.00158
-13.00	-30.00	0.00184	-11.00	-30.00	0.00220
-9.00	-30.00	0.00270	9.00	-30.00	0.00569
11.00	-30.00	0.00534	13.00	-30.00	0.00505

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00480	17.00	-30.00	0.00458
20.00	-30.00	0.00429	25.00	-30.00	0.00388
30.00	-30.00	0.00354	40.00	-30.00	0.00295
50.00	-30.00	0.00244	60.00	-30.00	0.00202
70.00	-30.00	0.00169	80.00	-30.00	0.00142
90.00	-30.00	0.00120	100.00	-30.00	0.00102
-100.00	-20.00	0.00023	-90.00	-20.00	0.00027
-80.00	-20.00	0.00032	-70.00	-20.00	0.00038
-60.00	-20.00	0.00047	-50.00	-20.00	0.00059
-40.00	-20.00	0.00078	-30.00	-20.00	0.00110
-25.00	-20.00	0.00137	-20.00	-20.00	0.00183
-17.00	-20.00	0.00223	-15.00	-20.00	0.00257
-13.00	-20.00	0.00299	-11.00	-20.00	0.00350
-9.00	-20.00	0.00415	9.00	-20.00	0.00666
11.00	-20.00	0.00622	13.00	-20.00	0.00587
15.00	-20.00	0.00556	17.00	-20.00	0.00528
20.00	-20.00	0.00491	25.00	-20.00	0.00437
30.00	-20.00	0.00391	40.00	-20.00	0.00315
50.00	-20.00	0.00255	60.00	-20.00	0.00208
70.00	-20.00	0.00172	80.00	-20.00	0.00143
90.00	-20.00	0.00120	100.00	-20.00	0.00102

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00025	-90.00	-10.00	0.00029
-80.00	-10.00	0.00035	-70.00	-10.00	0.00043
-60.00	-10.00	0.00054	-50.00	-10.00	0.00070
-40.00	-10.00	0.00097	-30.00	-10.00	0.00150
-25.00	-10.00	0.00196	-20.00	-10.00	0.00261
-17.00	-10.00	0.00313	-15.00	-10.00	0.00355
-13.00	-10.00	0.00403	-11.00	-10.00	0.00461
-9.00	-10.00	0.00530	9.00	-10.00	0.00734
11.00	-10.00	0.00684	13.00	-10.00	0.00643
15.00	-10.00	0.00608	17.00	-10.00	0.00577
20.00	-10.00	0.00535	25.00	-10.00	0.00474
30.00	-10.00	0.00420	40.00	-10.00	0.00331
50.00	-10.00	0.00263	60.00	-10.00	0.00212

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00173	80.00	-10.00	0.00143
90.00	-10.00	0.00120	100.00	-10.00	0.00102
-100.00	0.00	0.00027	-90.00	0.00	0.00032
-80.00	0.00	0.00039	-70.00	0.00	0.00049
-60.00	0.00	0.00063	-50.00	0.00	0.00085
-40.00	0.00	0.00124	-30.00	0.00	0.00198
-25.00	0.00	0.00255	-20.00	0.00	0.00331
-17.00	0.00	0.00389	-15.00	0.00	0.00434
-13.00	0.00	0.00486	-11.00	0.00	0.00546
-9.00	0.00	0.00616	9.00	0.00	0.00780
11.00	0.00	0.00724	13.00	0.00	0.00678
15.00	0.00	0.00639	17.00	0.00	0.00605
20.00	0.00	0.00559	25.00	0.00	0.00493
30.00	0.00	0.00434	40.00	0.00	0.00339
50.00	0.00	0.00267	60.00	0.00	0.00213
70.00	0.00	0.00173	80.00	0.00	0.00143
90.00	0.00	0.00120	100.00	0.00	0.00101
-100.00	10.00	0.00029	-90.00	10.00	0.00035
-80.00	10.00	0.00044	-70.00	10.00	0.00056
-60.00	10.00	0.00075	-50.00	10.00	0.00105
-40.00	10.00	0.00156	-30.00	10.00	0.00242
-25.00	10.00	0.00305	-20.00	10.00	0.00388
-17.00	10.00	0.00449	-15.00	10.00	0.00496
-13.00	10.00	0.00548	-11.00	10.00	0.00608
-9.00	10.00	0.00679	9.00	10.00	0.00805
11.00	10.00	0.00744	13.00	10.00	0.00695
15.00	10.00	0.00653	17.00	10.00	0.00615

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00565	25.00	10.00	0.00493
30.00	10.00	0.00433	40.00	10.00	0.00337
50.00	10.00	0.00266	60.00	10.00	0.00212
70.00	10.00	0.00172	80.00	10.00	0.00142
90.00	10.00	0.00119	100.00	10.00	0.00100
-100.00	20.00	0.00032	-90.00	20.00	0.00039
-80.00	20.00	0.00050	-70.00	20.00	0.00065

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00089	-50.00	20.00	0.00126
-40.00	20.00	0.00186	-30.00	20.00	0.00280
-25.00	20.00	0.00347	-20.00	20.00	0.00431
-17.00	20.00	0.00494	-15.00	20.00	0.00541
-13.00	20.00	0.00594	-11.00	20.00	0.00653
-9.00	20.00	0.00723	9.00	20.00	0.00809
11.00	20.00	0.00743	13.00	20.00	0.00690
15.00	20.00	0.00645	17.00	20.00	0.00604
20.00	20.00	0.00550	25.00	20.00	0.00476
30.00	20.00	0.00418	40.00	20.00	0.00326
50.00	20.00	0.00260	60.00	20.00	0.00209
70.00	20.00	0.00170	80.00	20.00	0.00140
90.00	20.00	0.00117	100.00	20.00	0.00099
-100.00	30.00	0.00035	-90.00	30.00	0.00044
-80.00	30.00	0.00057	-70.00	30.00	0.00075
-60.00	30.00	0.00104	-50.00	30.00	0.00147
-40.00	30.00	0.00213	-30.00	30.00	0.00312
-25.00	30.00	0.00380	-20.00	30.00	0.00466
-17.00	30.00	0.00528	-15.00	30.00	0.00574
-13.00	30.00	0.00626	-11.00	30.00	0.00684
-9.00	30.00	0.00751	9.00	30.00	0.00784
11.00	30.00	0.00714	13.00	30.00	0.00657
15.00	30.00	0.00610	17.00	30.00	0.00569
20.00	30.00	0.00517	25.00	30.00	0.00447
30.00	30.00	0.00393	40.00	30.00	0.00311
50.00	30.00	0.00249	60.00	30.00	0.00202
70.00	30.00	0.00165	80.00	30.00	0.00137
90.00	30.00	0.00115	100.00	30.00	0.00097
-100.00	40.00	0.00040	-90.00	40.00	0.00050
-80.00	40.00	0.00065	-70.00	40.00	0.00087
-60.00	40.00	0.00119	-50.00	40.00	0.00166
-40.00	40.00	0.00235	-30.00	40.00	0.00337
-25.00	40.00	0.00406	-20.00	40.00	0.00492

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00553	-15.00	40.00	0.00598

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
-13.00	40.00	0.00648	-11.00	40.00	0.00704
-9.00	40.00	0.00768	9.00	40.00	0.00715
11.00	40.00	0.00649	13.00	40.00	0.00596
15.00	40.00	0.00555	17.00	40.00	0.00520
20.00	40.00	0.00475	25.00	40.00	0.00414
30.00	40.00	0.00365	40.00	40.00	0.00291
50.00	40.00	0.00236	60.00	40.00	0.00194
70.00	40.00	0.00160	80.00	40.00	0.00133
90.00	40.00	0.00112	100.00	40.00	0.00095
-100.00	50.00	0.00044	-90.00	50.00	0.00056
-80.00	50.00	0.00074	-70.00	50.00	0.00098
-60.00	50.00	0.00133	-50.00	50.00	0.00183
-40.00	50.00	0.00254	-30.00	50.00	0.00357
-25.00	50.00	0.00426	-20.00	50.00	0.00510
-17.00	50.00	0.00569	-15.00	50.00	0.00612
-13.00	50.00	0.00660	-11.00	50.00	0.00711
-9.00	50.00	0.00766	9.00	50.00	0.00612
11.00	50.00	0.00569	13.00	50.00	0.00532
15.00	50.00	0.00499	17.00	50.00	0.00470
20.00	50.00	0.00432	25.00	50.00	0.00380
30.00	50.00	0.00337	40.00	50.00	0.00272
50.00	50.00	0.00224	60.00	50.00	0.00185
70.00	50.00	0.00155	80.00	50.00	0.00130
90.00	50.00	0.00110	100.00	50.00	0.00094
-100.00	60.00	0.00050	-90.00	60.00	0.00063
-80.00	60.00	0.00082	-70.00	60.00	0.00109
-60.00	60.00	0.00145	-50.00	60.00	0.00196
-40.00	60.00	0.00267	-30.00	60.00	0.00367
-25.00	60.00	0.00431	-20.00	60.00	0.00506
-17.00	60.00	0.00553	-15.00	60.00	0.00585
-13.00	60.00	0.00614	-11.00	60.00	0.00640
-9.00	60.00	0.00661	9.00	60.00	0.00489
11.00	60.00	0.00463	13.00	60.00	0.00440
15.00	60.00	0.00419	17.00	60.00	0.00400
20.00	60.00	0.00375	25.00	60.00	0.00337
30.00	60.00	0.00304	40.00	60.00	0.00250
50.00	60.00	0.00208	60.00	60.00	0.00175
70.00	60.00	0.00148	80.00	60.00	0.00126
90.00	60.00	0.00107	100.00	60.00	0.00092

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00055	-90.00	70.00	0.00070
-80.00	70.00	0.00090	-70.00	70.00	0.00117
-60.00	70.00	0.00154	-50.00	70.00	0.00204
-40.00	70.00	0.00271	-30.00	70.00	0.00360
-25.00	70.00	0.00410	-20.00	70.00	0.00460
-17.00	70.00	0.00486	-15.00	70.00	0.00502
-13.00	70.00	0.00515	-11.00	70.00	0.00524
-9.00	70.00	0.00530	9.00	70.00	0.00397
11.00	70.00	0.00377	13.00	70.00	0.00360
15.00	70.00	0.00344	17.00	70.00	0.00330
20.00	70.00	0.00312	25.00	70.00	0.00286
30.00	70.00	0.00264	40.00	70.00	0.00224
50.00	70.00	0.00191	60.00	70.00	0.00163
70.00	70.00	0.00140	80.00	70.00	0.00120
90.00	70.00	0.00103	100.00	70.00	0.00090
-100.00	80.00	0.00060	-90.00	80.00	0.00075
-80.00	80.00	0.00096	-70.00	80.00	0.00124
-60.00	80.00	0.00159	-50.00	80.00	0.00206
-40.00	80.00	0.00265	-30.00	80.00	0.00333
-25.00	80.00	0.00365	-20.00	80.00	0.00394
-17.00	80.00	0.00408	-15.00	80.00	0.00416
-13.00	80.00	0.00421	-11.00	80.00	0.00425
-9.00	80.00	0.00425	9.00	80.00	0.00327
11.00	80.00	0.00313	13.00	80.00	0.00300
15.00	80.00	0.00287	17.00	80.00	0.00276
20.00	80.00	0.00262	25.00	80.00	0.00241
30.00	80.00	0.00224	40.00	80.00	0.00196
50.00	80.00	0.00171	60.00	80.00	0.00149
70.00	80.00	0.00130	80.00	80.00	0.00113
90.00	80.00	0.00099	100.00	80.00	0.00086
-100.00	90.00	0.00064	-90.00	90.00	0.00080
-80.00	90.00	0.00101	-70.00	90.00	0.00127
-60.00	90.00	0.00160	-50.00	90.00	0.00201
-40.00	90.00	0.00248	-30.00	90.00	0.00295
-25.00	90.00	0.00316	-20.00	90.00	0.00333
-17.00	90.00	0.00341	-15.00	90.00	0.00344
-13.00	90.00	0.00346	-11.00	90.00	0.00346
-9.00	90.00	0.00344	9.00	90.00	0.00273
11.00	90.00	0.00262	13.00	90.00	0.00252

15.00 90.00 09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound 0.00243 17.00 90.00 0.00234

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00222	25.00	90.00	0.00205
30.00	90.00	0.00192	40.00	90.00	0.00170
50.00	90.00	0.00151	60.00	90.00	0.00135
70.00	90.00	0.00119	80.00	90.00	0.00106
90.00	90.00	0.00093	100.00	90.00	0.00083
-100.00	100.00	0.00067	-90.00	100.00	0.00083
-80.00	100.00	0.00103	-70.00	100.00	0.00128
-60.00	100.00	0.00157	-50.00	100.00	0.00190
-40.00	100.00	0.00225	-30.00	100.00	0.00257
-25.00	100.00	0.00271	-20.00	100.00	0.00281
-17.00	100.00	0.00285	-15.00	100.00	0.00286
-13.00	100.00	0.00286	-11.00	100.00	0.00285
-9.00	100.00	0.00283	9.00	100.00	0.00230
11.00	100.00	0.00222	13.00	100.00	0.00215
15.00	100.00	0.00207	17.00	100.00	0.00201
20.00	100.00	0.00191	25.00	100.00	0.00177
30.00	100.00	0.00165	40.00	100.00	0.00147
50.00	100.00	0.00133	60.00	100.00	0.00120
70.00	100.00	0.00108	80.00	100.00	0.00097
90.00	100.00	0.00087	100.00	100.00	0.00078
-100.00	110.00	0.00070	-90.00	110.00	0.00085
-80.00	110.00	0.00104	-70.00	110.00	0.00125
-60.00	110.00	0.00150	-50.00	110.00	0.00176
-40.00	110.00	0.00201	-30.00	110.00	0.00224
-25.00	110.00	0.00233	-20.00	110.00	0.00239
-17.00	110.00	0.00240	-15.00	110.00	0.00241
-13.00	110.00	0.00240	-11.00	110.00	0.00238
-9.00	110.00	0.00236	9.00	110.00	0.00196
11.00	110.00	0.00190	13.00	110.00	0.00184
15.00	110.00	0.00179	17.00	110.00	0.00173
20.00	110.00	0.00166	25.00	110.00	0.00154
30.00	110.00	0.00144	40.00	110.00	0.00129
50.00	110.00	0.00117	60.00	110.00	0.00107

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
70.00	110.00	0.00098	80.00	110.00	0.00089	
90.00	110.00	0.00081	100.00	110.00	0.00073	
-100.00	120.00	0.00071	-90.00	120.00	0.00086	
-80.00	120.00	0.00102	-70.00	120.00	0.00121	
-60.00	120.00	0.00141	-50.00	120.00	0.00160	
-40.00	120.00	0.00179	-30.00	120.00	0.00195	
-25.00	120.00	0.00201	-20.00	120.00	0.00204	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 77
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	120.00	0.00205	-15.00	120.00	0.00204	
-13.00	120.00	0.00203	-11.00	120.00	0.00202	
-9.00	120.00	0.00200	9.00	120.00	0.00168	
11.00	120.00	0.00164	13.00	120.00	0.00160	
15.00	120.00	0.00155	17.00	120.00	0.00151	
20.00	120.00	0.00145	25.00	120.00	0.00135	
30.00	120.00	0.00127	40.00	120.00	0.00114	
50.00	120.00	0.00103	60.00	120.00	0.00095	
70.00	120.00	0.00088	80.00	120.00	0.00081	
90.00	120.00	0.00075	100.00	120.00	0.00068	
-100.00	130.00	0.00072	-90.00	130.00	0.00085	
-80.00	130.00	0.00099	-70.00	130.00	0.00115	
-60.00	130.00	0.00130	-50.00	130.00	0.00145	
-40.00	130.00	0.00160	-30.00	130.00	0.00171	
-25.00	130.00	0.00175	-20.00	130.00	0.00176	
-17.00	130.00	0.00176	-15.00	130.00	0.00175	
-13.00	130.00	0.00174	-11.00	130.00	0.00173	
-9.00	130.00	0.00171	9.00	130.00	0.00146	
11.00	130.00	0.00143	13.00	130.00	0.00140	
15.00	130.00	0.00136	17.00	130.00	0.00133	
20.00	130.00	0.00128	25.00	130.00	0.00120	
30.00	130.00	0.00113	40.00	130.00	0.00101	
50.00	130.00	0.00092	60.00	130.00	0.00085	
70.00	130.00	0.00079	80.00	130.00	0.00074	
90.00	130.00	0.00068	100.00	130.00	0.00063	
-100.00	140.00	0.00071	-90.00	140.00	0.00083	
-80.00	140.00	0.00095	-70.00	140.00	0.00107	

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-13.00	160.00	0.00116	-11.00	160.00	0.00115	
-9.00	160.00	0.00114	9.00	160.00	0.00101	
11.00	160.00	0.00099	13.00	160.00	0.00097	
15.00	160.00	0.00095	17.00	160.00	0.00094	
20.00	160.00	0.00091	25.00	160.00	0.00086	
30.00	160.00	0.00082	40.00	160.00	0.00074	
50.00	160.00	0.00068	60.00	160.00	0.00063	
70.00	160.00	0.00059	80.00	160.00	0.00055	
90.00	160.00	0.00052	100.00	160.00	0.00050	
-100.00	170.00	0.00065	-90.00	170.00	0.00072	
-80.00	170.00	0.00079	-70.00	170.00	0.00086	
-60.00	170.00	0.00092	-50.00	170.00	0.00099	
-40.00	170.00	0.00104	-30.00	170.00	0.00106	
-25.00	170.00	0.00106	-20.00	170.00	0.00105	
-17.00	170.00	0.00104	-15.00	170.00	0.00104	
-13.00	170.00	0.00103	-11.00	170.00	0.00102	
-9.00	170.00	0.00101	9.00	170.00	0.00090	
11.00	170.00	0.00089	13.00	170.00	0.00087	
15.00	170.00	0.00086	17.00	170.00	0.00084	

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00082	25.00	170.00	0.00078
30.00	170.00	0.00074	40.00	170.00	0.00068
50.00	170.00	0.00062	60.00	170.00	0.00058
70.00	170.00	0.00054	80.00	170.00	0.00051
90.00	170.00	0.00048	100.00	170.00	0.00046
-100.00	180.00	0.00062	-90.00	180.00	0.00068
-80.00	180.00	0.00074	-70.00	180.00	0.00079
-60.00	180.00	0.00085	-50.00	180.00	0.00090
-40.00	180.00	0.00094	-30.00	180.00	0.00095
-25.00	180.00	0.00095	-20.00	180.00	0.00094
-17.00	180.00	0.00093	-15.00	180.00	0.00093
-13.00	180.00	0.00092	-11.00	180.00	0.00091
-9.00	180.00	0.00091	9.00	180.00	0.00081
11.00	180.00	0.00080	13.00	180.00	0.00079
15.00	180.00	0.00078	17.00	180.00	0.00076

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

20.00	180.00	0.00074	25.00	180.00	0.00071
30.00	180.00	0.00068	40.00	180.00	0.00062
50.00	180.00	0.00057	60.00	180.00	0.00053
70.00	180.00	0.00050	80.00	180.00	0.00047
90.00	180.00	0.00044	100.00	180.00	0.00042
-100.00	190.00	0.00059	-90.00	190.00	0.00064
-80.00	190.00	0.00069	-70.00	190.00	0.00074
-60.00	190.00	0.00078	-50.00	190.00	0.00082
-40.00	190.00	0.00085	-30.00	190.00	0.00086
-25.00	190.00	0.00086	-20.00	190.00	0.00085
-17.00	190.00	0.00084	-15.00	190.00	0.00083
-13.00	190.00	0.00083	-11.00	190.00	0.00082
-9.00	190.00	0.00082	9.00	190.00	0.00074
11.00	190.00	0.00073	13.00	190.00	0.00072
15.00	190.00	0.00070	17.00	190.00	0.00069
20.00	190.00	0.00068	25.00	190.00	0.00065
30.00	190.00	0.00062	40.00	190.00	0.00057
50.00	190.00	0.00053	60.00	190.00	0.00049
70.00	190.00	0.00046	80.00	190.00	0.00043
90.00	190.00	0.00041	100.00	190.00	0.00039
-100.00	200.00	0.00056	-90.00	200.00	0.00060
-80.00	200.00	0.00064	-70.00	200.00	0.00069
-60.00	200.00	0.00072	-50.00	200.00	0.00076
-40.00	200.00	0.00078	-30.00	200.00	0.00078
-25.00	200.00	0.00077	-20.00	200.00	0.00077

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00076	-15.00	200.00	0.00075
-13.00	200.00	0.00075	-11.00	200.00	0.00074
-9.00	200.00	0.00074	9.00	200.00	0.00067
11.00	200.00	0.00066	13.00	200.00	0.00065
15.00	200.00	0.00064	17.00	200.00	0.00063
20.00	200.00	0.00062	25.00	200.00	0.00060
30.00	200.00	0.00057	40.00	200.00	0.00053
50.00	200.00	0.00049	60.00	200.00	0.00046
70.00	200.00	0.00043	80.00	200.00	0.00040

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00038	100.00	200.00	0.00036
-100.00	210.00	0.00053	-90.00	210.00	0.00057
-80.00	210.00	0.00060	-70.00	210.00	0.00064
-60.00	210.00	0.00067	-50.00	210.00	0.00070
-40.00	210.00	0.00071	-30.00	210.00	0.00071
-25.00	210.00	0.00070	-20.00	210.00	0.00070
-17.00	210.00	0.00069	-15.00	210.00	0.00069
-13.00	210.00	0.00068	-11.00	210.00	0.00068
-9.00	210.00	0.00067	9.00	210.00	0.00061
11.00	210.00	0.00060	13.00	210.00	0.00060
15.00	210.00	0.00059	17.00	210.00	0.00058
20.00	210.00	0.00057	25.00	210.00	0.00055
30.00	210.00	0.00053	40.00	210.00	0.00049
50.00	210.00	0.00045	60.00	210.00	0.00042
70.00	210.00	0.00040	80.00	210.00	0.00038
90.00	210.00	0.00036	100.00	210.00	0.00034
-100.00	220.00	0.00050	-90.00	220.00	0.00053
-80.00	220.00	0.00056	-70.00	220.00	0.00059
-60.00	220.00	0.00062	-50.00	220.00	0.00064
-40.00	220.00	0.00065	-30.00	220.00	0.00065
-25.00	220.00	0.00064	-20.00	220.00	0.00064
-17.00	220.00	0.00063	-15.00	220.00	0.00063
-13.00	220.00	0.00062	-11.00	220.00	0.00062
-9.00	220.00	0.00061	9.00	220.00	0.00056
11.00	220.00	0.00056	13.00	220.00	0.00055
15.00	220.00	0.00054	17.00	220.00	0.00053
20.00	220.00	0.00052	25.00	220.00	0.00051
30.00	220.00	0.00049	40.00	220.00	0.00045
50.00	220.00	0.00042	60.00	220.00	0.00039
70.00	220.00	0.00037	80.00	220.00	0.00035
90.00	220.00	0.00033	100.00	220.00	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00047	-90.00	230.00	0.00050
-80.00	230.00	0.00053	-70.00	230.00	0.00055
-60.00	230.00	0.00058	-50.00	230.00	0.00059

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
-40.00	230.00	0.00060	-30.00	230.00	0.00059
-25.00	230.00	0.00059	-20.00	230.00	0.00058
-17.00	230.00	0.00058	-15.00	230.00	0.00057
-13.00	230.00	0.00057	-11.00	230.00	0.00057
-9.00	230.00	0.00056	9.00	230.00	0.00052
11.00	230.00	0.00051	13.00	230.00	0.00051
15.00	230.00	0.00050	17.00	230.00	0.00049
20.00	230.00	0.00048	25.00	230.00	0.00047
30.00	230.00	0.00045	40.00	230.00	0.00042
50.00	230.00	0.00039	60.00	230.00	0.00037
70.00	230.00	0.00035	80.00	230.00	0.00033
90.00	230.00	0.00031	100.00	230.00	0.00030
-100.00	240.00	0.00045	-90.00	240.00	0.00047
-80.00	240.00	0.00050	-70.00	240.00	0.00052
-60.00	240.00	0.00054	-50.00	240.00	0.00055
-40.00	240.00	0.00055	-30.00	240.00	0.00055
-25.00	240.00	0.00054	-20.00	240.00	0.00054
-17.00	240.00	0.00053	-15.00	240.00	0.00053
-13.00	240.00	0.00053	-11.00	240.00	0.00052
-9.00	240.00	0.00052	9.00	240.00	0.00048
11.00	240.00	0.00047	13.00	240.00	0.00047
15.00	240.00	0.00046	17.00	240.00	0.00046
20.00	240.00	0.00045	25.00	240.00	0.00044
30.00	240.00	0.00042	40.00	240.00	0.00039
50.00	240.00	0.00037	60.00	240.00	0.00035
70.00	240.00	0.00033	80.00	240.00	0.00031
90.00	240.00	0.00029	100.00	240.00	0.00028
-100.00	250.00	0.00042	-90.00	250.00	0.00045
-80.00	250.00	0.00047	-70.00	250.00	0.00049
-60.00	250.00	0.00050	-50.00	250.00	0.00051
-40.00	250.00	0.00051	-30.00	250.00	0.00051
-25.00	250.00	0.00050	-20.00	250.00	0.00050
-17.00	250.00	0.00049	-15.00	250.00	0.00049
-13.00	250.00	0.00049	-11.00	250.00	0.00048
-9.00	250.00	0.00048	9.00	250.00	0.00044
11.00	250.00	0.00044	13.00	250.00	0.00043
15.00	250.00	0.00043	17.00	250.00	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00042	25.00	250.00	0.00041
30.00	250.00	0.00039	40.00	250.00	0.00037
50.00	250.00	0.00035	60.00	250.00	0.00033
70.00	250.00	0.00031	80.00	250.00	0.00029
90.00	250.00	0.00028	100.00	250.00	0.00026

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

18:47:46

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00012	-90.00	-250.00	0.00012
-80.00	-250.00	0.00013	-70.00	-250.00	0.00014
-60.00	-250.00	0.00015	-50.00	-250.00	0.00016
-40.00	-250.00	0.00017	-30.00	-250.00	0.00019
-25.00	-250.00	0.00020	-20.00	-250.00	0.00021
-17.00	-250.00	0.00022	-15.00	-250.00	0.00023
-13.00	-250.00	0.00023	-11.00	-250.00	0.00024
-9.00	-250.00	0.00025	9.00	-250.00	0.00034
11.00	-250.00	0.00035	13.00	-250.00	0.00036
15.00	-250.00	0.00037	17.00	-250.00	0.00038
20.00	-250.00	0.00039	25.00	-250.00	0.00041
30.00	-250.00	0.00043	40.00	-250.00	0.00044
50.00	-250.00	0.00045	60.00	-250.00	0.00046
70.00	-250.00	0.00046	80.00	-250.00	0.00047
90.00	-250.00	0.00047	100.00	-250.00	0.00046
-100.00	-240.00	0.00012	-90.00	-240.00	0.00013
-80.00	-240.00	0.00014	-70.00	-240.00	0.00015
-60.00	-240.00	0.00016	-50.00	-240.00	0.00018
-40.00	-240.00	0.00019	-30.00	-240.00	0.00021
-25.00	-240.00	0.00022	-20.00	-240.00	0.00023
-17.00	-240.00	0.00024	-15.00	-240.00	0.00025
-13.00	-240.00	0.00026	-11.00	-240.00	0.00027
-9.00	-240.00	0.00028	9.00	-240.00	0.00038
11.00	-240.00	0.00040	13.00	-240.00	0.00041
15.00	-240.00	0.00042	17.00	-240.00	0.00044
20.00	-240.00	0.00045	25.00	-240.00	0.00047

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
30.00	-240.00	0.00049	40.00	-240.00	0.00050	
50.00	-240.00	0.00051	60.00	-240.00	0.00052	
70.00	-240.00	0.00053	80.00	-240.00	0.00053	
90.00	-240.00	0.00052	100.00	-240.00	0.00051	
-100.00	-230.00	0.00013	-90.00	-230.00	0.00014	
-80.00	-230.00	0.00016	-70.00	-230.00	0.00017	
-60.00	-230.00	0.00018	-50.00	-230.00	0.00019	
-40.00	-230.00	0.00021	-30.00	-230.00	0.00023	
-25.00	-230.00	0.00024	-20.00	-230.00	0.00026	
-17.00	-230.00	0.00027	-15.00	-230.00	0.00028	
-13.00	-230.00	0.00029	-11.00	-230.00	0.00030	
-9.00	-230.00	0.00031	9.00	-230.00	0.00044	
11.00	-230.00	0.00046	13.00	-230.00	0.00047	
15.00	-230.00	0.00049	17.00	-230.00	0.00050	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:47:46

**MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00052	25.00	-230.00	0.00055
30.00	-230.00	0.00056	40.00	-230.00	0.00057
50.00	-230.00	0.00058	60.00	-230.00	0.00060
70.00	-230.00	0.00060	80.00	-230.00	0.00060
90.00	-230.00	0.00058	100.00	-230.00	0.00056
-100.00	-220.00	0.00014	-90.00	-220.00	0.00015
-80.00	-220.00	0.00017	-70.00	-220.00	0.00018
-60.00	-220.00	0.00020	-50.00	-220.00	0.00022
-40.00	-220.00	0.00023	-30.00	-220.00	0.00026
-25.00	-220.00	0.00027	-20.00	-220.00	0.00029
-17.00	-220.00	0.00030	-15.00	-220.00	0.00031
-13.00	-220.00	0.00033	-11.00	-220.00	0.00034
-9.00	-220.00	0.00035	9.00	-220.00	0.00051
11.00	-220.00	0.00053	13.00	-220.00	0.00055
15.00	-220.00	0.00057	17.00	-220.00	0.00059
20.00	-220.00	0.00061	25.00	-220.00	0.00063
30.00	-220.00	0.00065	40.00	-220.00	0.00066
50.00	-220.00	0.00068	60.00	-220.00	0.00069
70.00	-220.00	0.00069	80.00	-220.00	0.00067
90.00	-220.00	0.00065	100.00	-220.00	0.00061

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-210.00	0.00014	-90.00	-210.00	0.00016	
-80.00	-210.00	0.00018	-70.00	-210.00	0.00020	
-60.00	-210.00	0.00022	-50.00	-210.00	0.00024	
-40.00	-210.00	0.00026	-30.00	-210.00	0.00029	
-25.00	-210.00	0.00031	-20.00	-210.00	0.00033	
-17.00	-210.00	0.00034	-15.00	-210.00	0.00036	
-13.00	-210.00	0.00037	-11.00	-210.00	0.00038	
-9.00	-210.00	0.00040	9.00	-210.00	0.00060	
11.00	-210.00	0.00063	13.00	-210.00	0.00065	
15.00	-210.00	0.00067	17.00	-210.00	0.00069	
20.00	-210.00	0.00071	25.00	-210.00	0.00074	
30.00	-210.00	0.00076	40.00	-210.00	0.00078	
50.00	-210.00	0.00080	60.00	-210.00	0.00080	
70.00	-210.00	0.00079	80.00	-210.00	0.00076	
90.00	-210.00	0.00072	100.00	-210.00	0.00067	
-100.00	-200.00	0.00015	-90.00	-200.00	0.00017	
-80.00	-200.00	0.00019	-70.00	-200.00	0.00021	
-60.00	-200.00	0.00024	-50.00	-200.00	0.00027	
-40.00	-200.00	0.00030	-30.00	-200.00	0.00033	
-25.00	-200.00	0.00035	-20.00	-200.00	0.00037	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	-200.00	0.00039	-15.00	-200.00	0.00040	
-13.00	-200.00	0.00042	-11.00	-200.00	0.00044	
-9.00	-200.00	0.00046	9.00	-200.00	0.00072	
11.00	-200.00	0.00075	13.00	-200.00	0.00078	
15.00	-200.00	0.00080	17.00	-200.00	0.00082	
20.00	-200.00	0.00085	25.00	-200.00	0.00088	
30.00	-200.00	0.00089	40.00	-200.00	0.00093	
50.00	-200.00	0.00094	60.00	-200.00	0.00093	
70.00	-200.00	0.00090	80.00	-200.00	0.00085	
90.00	-200.00	0.00079	100.00	-200.00	0.00073	
-100.00	-190.00	0.00016	-90.00	-190.00	0.00018	
-80.00	-190.00	0.00020	-70.00	-190.00	0.00023	
-60.00	-190.00	0.00026	-50.00	-190.00	0.00030	
-40.00	-190.00	0.00033	-30.00	-190.00	0.00037	

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-25.00	-190.00	0.00040	-20.00	-190.00	0.00042	
-17.00	-190.00	0.00045	-15.00	-190.00	0.00046	
-13.00	-190.00	0.00048	-11.00	-190.00	0.00050	
-9.00	-190.00	0.00053	9.00	-190.00	0.00087	
11.00	-190.00	0.00091	13.00	-190.00	0.00094	
15.00	-190.00	0.00097	17.00	-190.00	0.00099	
20.00	-190.00	0.00102	25.00	-190.00	0.00105	
30.00	-190.00	0.00108	40.00	-190.00	0.00111	
50.00	-190.00	0.00111	60.00	-190.00	0.00107	
70.00	-190.00	0.00102	80.00	-190.00	0.00094	
90.00	-190.00	0.00086	100.00	-190.00	0.00078	
-100.00	-180.00	0.00016	-90.00	-180.00	0.00019	
-80.00	-180.00	0.00021	-70.00	-180.00	0.00025	
-60.00	-180.00	0.00028	-50.00	-180.00	0.00033	
-40.00	-180.00	0.00038	-30.00	-180.00	0.00043	
-25.00	-180.00	0.00045	-20.00	-180.00	0.00049	
-17.00	-180.00	0.00051	-15.00	-180.00	0.00053	
-13.00	-180.00	0.00055	-11.00	-180.00	0.00058	
-9.00	-180.00	0.00061	9.00	-180.00	0.00107	
11.00	-180.00	0.00112	13.00	-180.00	0.00115	
15.00	-180.00	0.00119	17.00	-180.00	0.00121	
20.00	-180.00	0.00124	25.00	-180.00	0.00129	
30.00	-180.00	0.00132	40.00	-180.00	0.00135	
50.00	-180.00	0.00131	60.00	-180.00	0.00124	
70.00	-180.00	0.00114	80.00	-180.00	0.00104	
90.00	-180.00	0.00093	100.00	-180.00	0.00084	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
PAGE 86

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

*** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00017	-90.00	-170.00	0.00020
-80.00	-170.00	0.00023	-70.00	-170.00	0.00026
-60.00	-170.00	0.00031	-50.00	-170.00	0.00036
-40.00	-170.00	0.00042	-30.00	-170.00	0.00049
-25.00	-170.00	0.00052	-20.00	-170.00	0.00056
-17.00	-170.00	0.00059	-15.00	-170.00	0.00062
-13.00	-170.00	0.00064	-11.00	-170.00	0.00067
-9.00	-170.00	0.00071	9.00	-170.00	0.00133

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00139	13.00	-170.00	0.00144
15.00	-170.00	0.00148	17.00	-170.00	0.00151
20.00	-170.00	0.00156	25.00	-170.00	0.00161
30.00	-170.00	0.00164	40.00	-170.00	0.00161
50.00	-170.00	0.00153	60.00	-170.00	0.00140
70.00	-170.00	0.00126	80.00	-170.00	0.00113
90.00	-170.00	0.00100	100.00	-170.00	0.00089
-100.00	-160.00	0.00018	-90.00	-160.00	0.00021
-80.00	-160.00	0.00024	-70.00	-160.00	0.00028
-60.00	-160.00	0.00033	-50.00	-160.00	0.00039
-40.00	-160.00	0.00046	-30.00	-160.00	0.00055
-25.00	-160.00	0.00060	-20.00	-160.00	0.00066
-17.00	-160.00	0.00069	-15.00	-160.00	0.00072
-13.00	-160.00	0.00075	-11.00	-160.00	0.00079
-9.00	-160.00	0.00083	9.00	-160.00	0.00170
11.00	-160.00	0.00178	13.00	-160.00	0.00184
15.00	-160.00	0.00190	17.00	-160.00	0.00194
20.00	-160.00	0.00199	25.00	-160.00	0.00203
30.00	-160.00	0.00202	40.00	-160.00	0.00192
50.00	-160.00	0.00175	60.00	-160.00	0.00156
70.00	-160.00	0.00138	80.00	-160.00	0.00121
90.00	-160.00	0.00106	100.00	-160.00	0.00094
-100.00	-150.00	0.00019	-90.00	-150.00	0.00022
-80.00	-150.00	0.00026	-70.00	-150.00	0.00030
-60.00	-150.00	0.00036	-50.00	-150.00	0.00042
-40.00	-150.00	0.00050	-30.00	-150.00	0.00061
-25.00	-150.00	0.00067	-20.00	-150.00	0.00074
-17.00	-150.00	0.00080	-15.00	-150.00	0.00084
-13.00	-150.00	0.00088	-11.00	-150.00	0.00093
-9.00	-150.00	0.00098	9.00	-150.00	0.00227
11.00	-150.00	0.00237	13.00	-150.00	0.00245
15.00	-150.00	0.00250	17.00	-150.00	0.00253

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00255	25.00	-150.00	0.00252
30.00	-150.00	0.00244	40.00	-150.00	0.00221

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00197	60.00	-150.00	0.00172
70.00	-150.00	0.00149	80.00	-150.00	0.00129
90.00	-150.00	0.00112	100.00	-150.00	0.00098
-100.00	-140.00	0.00020	-90.00	-140.00	0.00023
-80.00	-140.00	0.00027	-70.00	-140.00	0.00032
-60.00	-140.00	0.00038	-50.00	-140.00	0.00046
-40.00	-140.00	0.00055	-30.00	-140.00	0.00067
-25.00	-140.00	0.00074	-20.00	-140.00	0.00083
-17.00	-140.00	0.00090	-15.00	-140.00	0.00095
-13.00	-140.00	0.00100	-11.00	-140.00	0.00107
-9.00	-140.00	0.00116	9.00	-140.00	0.00322
11.00	-140.00	0.00325	13.00	-140.00	0.00325
15.00	-140.00	0.00323	17.00	-140.00	0.00320
20.00	-140.00	0.00314	25.00	-140.00	0.00299
30.00	-140.00	0.00283	40.00	-140.00	0.00250
50.00	-140.00	0.00217	60.00	-140.00	0.00186
70.00	-140.00	0.00158	80.00	-140.00	0.00135
90.00	-140.00	0.00116	100.00	-140.00	0.00101
-100.00	-130.00	0.00021	-90.00	-130.00	0.00024
-80.00	-130.00	0.00028	-70.00	-130.00	0.00034
-60.00	-130.00	0.00040	-50.00	-130.00	0.00049
-40.00	-130.00	0.00060	-30.00	-130.00	0.00073
-25.00	-130.00	0.00082	-20.00	-130.00	0.00093
-17.00	-130.00	0.00101	-15.00	-130.00	0.00108
-13.00	-130.00	0.00116	-11.00	-130.00	0.00128
-9.00	-130.00	0.00145	9.00	-130.00	0.00439
11.00	-130.00	0.00420	13.00	-130.00	0.00406
15.00	-130.00	0.00394	17.00	-130.00	0.00383
20.00	-130.00	0.00367	25.00	-130.00	0.00342
30.00	-130.00	0.00318	40.00	-130.00	0.00273
50.00	-130.00	0.00232	60.00	-130.00	0.00195
70.00	-130.00	0.00164	80.00	-130.00	0.00139
90.00	-130.00	0.00119	100.00	-130.00	0.00102
-100.00	-120.00	0.00022	-90.00	-120.00	0.00026
-80.00	-120.00	0.00030	-70.00	-120.00	0.00036
-60.00	-120.00	0.00043	-50.00	-120.00	0.00053
-40.00	-120.00	0.00066	-30.00	-120.00	0.00085
-25.00	-120.00	0.00099	-20.00	-120.00	0.00119

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

18:47:46

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00139	-15.00	-120.00	0.00158
-13.00	-120.00	0.00184	-11.00	-120.00	0.00220
-9.00	-120.00	0.00270	9.00	-120.00	0.00569
11.00	-120.00	0.00534	13.00	-120.00	0.00505
15.00	-120.00	0.00480	17.00	-120.00	0.00458
20.00	-120.00	0.00429	25.00	-120.00	0.00388
30.00	-120.00	0.00354	40.00	-120.00	0.00295
50.00	-120.00	0.00244	60.00	-120.00	0.00202
70.00	-120.00	0.00169	80.00	-120.00	0.00142
90.00	-120.00	0.00120	100.00	-120.00	0.00102
-100.00	-110.00	0.00023	-90.00	-110.00	0.00027
-80.00	-110.00	0.00032	-70.00	-110.00	0.00038
-60.00	-110.00	0.00047	-50.00	-110.00	0.00059
-40.00	-110.00	0.00078	-30.00	-110.00	0.00110
-25.00	-110.00	0.00137	-20.00	-110.00	0.00183
-17.00	-110.00	0.00223	-15.00	-110.00	0.00257
-13.00	-110.00	0.00299	-11.00	-110.00	0.00350
-9.00	-110.00	0.00415	9.00	-110.00	0.00666
11.00	-110.00	0.00622	13.00	-110.00	0.00587
15.00	-110.00	0.00556	17.00	-110.00	0.00528
20.00	-110.00	0.00491	25.00	-110.00	0.00437
30.00	-110.00	0.00391	40.00	-110.00	0.00315
50.00	-110.00	0.00255	60.00	-110.00	0.00208
70.00	-110.00	0.00172	80.00	-110.00	0.00143
90.00	-110.00	0.00120	100.00	-110.00	0.00102
-100.00	-100.00	0.00025	-90.00	-100.00	0.00029
-80.00	-100.00	0.00035	-70.00	-100.00	0.00043
-60.00	-100.00	0.00054	-50.00	-100.00	0.00070
-40.00	-100.00	0.00097	-30.00	-100.00	0.00150
-25.00	-100.00	0.00196	-20.00	-100.00	0.00261
-17.00	-100.00	0.00313	-15.00	-100.00	0.00355
-13.00	-100.00	0.00403	-11.00	-100.00	0.00461
-9.00	-100.00	0.00530	9.00	-100.00	0.00734
11.00	-100.00	0.00684	13.00	-100.00	0.00643
15.00	-100.00	0.00608	17.00	-100.00	0.00577
20.00	-100.00	0.00535	25.00	-100.00	0.00474
30.00	-100.00	0.00420	40.00	-100.00	0.00331
50.00	-100.00	0.00263	60.00	-100.00	0.00212
70.00	-100.00	0.00173	80.00	-100.00	0.00143
90.00	-100.00	0.00120	100.00	-100.00	0.00102

1 *** ISCST3 - VERSION 02035 *** 09NCRA SR04-300_DPM_TRAV_ANN_N-S Bound ***
 04/18/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 89

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00027	-90.00	-90.00	0.00032
-80.00	-90.00	0.00039	-70.00	-90.00	0.00049
-60.00	-90.00	0.00063	-50.00	-90.00	0.00085
-40.00	-90.00	0.00124	-30.00	-90.00	0.00198
-25.00	-90.00	0.00255	-20.00	-90.00	0.00331
-17.00	-90.00	0.00389	-15.00	-90.00	0.00434
-13.00	-90.00	0.00486	-11.00	-90.00	0.00546
-9.00	-90.00	0.00616	9.00	-90.00	0.00780
11.00	-90.00	0.00724	13.00	-90.00	0.00678
15.00	-90.00	0.00639	17.00	-90.00	0.00605
20.00	-90.00	0.00559	25.00	-90.00	0.00493
30.00	-90.00	0.00434	40.00	-90.00	0.00339
50.00	-90.00	0.00267	60.00	-90.00	0.00213
70.00	-90.00	0.00173	80.00	-90.00	0.00143
90.00	-90.00	0.00120	100.00	-90.00	0.00101
-100.00	-80.00	0.00029	-90.00	-80.00	0.00035
-80.00	-80.00	0.00044	-70.00	-80.00	0.00056
-60.00	-80.00	0.00075	-50.00	-80.00	0.00105
-40.00	-80.00	0.00156	-30.00	-80.00	0.00242
-25.00	-80.00	0.00305	-20.00	-80.00	0.00388
-17.00	-80.00	0.00449	-15.00	-80.00	0.00496
-13.00	-80.00	0.00548	-11.00	-80.00	0.00608
-9.00	-80.00	0.00679	9.00	-80.00	0.00805
11.00	-80.00	0.00744	13.00	-80.00	0.00695
15.00	-80.00	0.00653	17.00	-80.00	0.00615
20.00	-80.00	0.00565	25.00	-80.00	0.00493
30.00	-80.00	0.00433	40.00	-80.00	0.00337
50.00	-80.00	0.00266	60.00	-80.00	0.00212
70.00	-80.00	0.00172	80.00	-80.00	0.00142
90.00	-80.00	0.00119	100.00	-80.00	0.00100
-100.00	-70.00	0.00032	-90.00	-70.00	0.00039
-80.00	-70.00	0.00050	-70.00	-70.00	0.00065
-60.00	-70.00	0.00089	-50.00	-70.00	0.00126
-40.00	-70.00	0.00186	-30.00	-70.00	0.00280

X	Y	CONC	X	Y	CONC
-25.00	-70.00	0.00347	-20.00	-70.00	0.00431
-17.00	-70.00	0.00494	-15.00	-70.00	0.00541
-13.00	-70.00	0.00594	-11.00	-70.00	0.00653
-9.00	-70.00	0.00723	9.00	-70.00	0.00809
11.00	-70.00	0.00743	13.00	-70.00	0.00690
15.00	-70.00	0.00645	17.00	-70.00	0.00604

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00550	25.00	-70.00	0.00476
30.00	-70.00	0.00418	40.00	-70.00	0.00326
50.00	-70.00	0.00260	60.00	-70.00	0.00209
70.00	-70.00	0.00170	80.00	-70.00	0.00140
90.00	-70.00	0.00117	100.00	-70.00	0.00099
-100.00	-60.00	0.00035	-90.00	-60.00	0.00044
-80.00	-60.00	0.00057	-70.00	-60.00	0.00075
-60.00	-60.00	0.00104	-50.00	-60.00	0.00147
-40.00	-60.00	0.00213	-30.00	-60.00	0.00312
-25.00	-60.00	0.00380	-20.00	-60.00	0.00466
-17.00	-60.00	0.00528	-15.00	-60.00	0.00574
-13.00	-60.00	0.00626	-11.00	-60.00	0.00684
-9.00	-60.00	0.00751	9.00	-60.00	0.00784
11.00	-60.00	0.00714	13.00	-60.00	0.00657
15.00	-60.00	0.00610	17.00	-60.00	0.00569
20.00	-60.00	0.00517	25.00	-60.00	0.00447
30.00	-60.00	0.00393	40.00	-60.00	0.00311
50.00	-60.00	0.00249	60.00	-60.00	0.00202
70.00	-60.00	0.00165	80.00	-60.00	0.00137
90.00	-60.00	0.00115	100.00	-60.00	0.00097
-100.00	-50.00	0.00040	-90.00	-50.00	0.00050
-80.00	-50.00	0.00065	-70.00	-50.00	0.00087
-60.00	-50.00	0.00119	-50.00	-50.00	0.00166
-40.00	-50.00	0.00235	-30.00	-50.00	0.00337
-25.00	-50.00	0.00406	-20.00	-50.00	0.00492
-17.00	-50.00	0.00553	-15.00	-50.00	0.00598
-13.00	-50.00	0.00648	-11.00	-50.00	0.00704
-9.00	-50.00	0.00768	9.00	-50.00	0.00715

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
11.00	-50.00	0.00649	13.00	-50.00	0.00596	
15.00	-50.00	0.00555	17.00	-50.00	0.00520	
20.00	-50.00	0.00475	25.00	-50.00	0.00414	
30.00	-50.00	0.00365	40.00	-50.00	0.00291	
50.00	-50.00	0.00236	60.00	-50.00	0.00194	
70.00	-50.00	0.00160	80.00	-50.00	0.00133	
90.00	-50.00	0.00112	100.00	-50.00	0.00095	
-100.00	-40.00	0.00044	-90.00	-40.00	0.00056	
-80.00	-40.00	0.00074	-70.00	-40.00	0.00098	
-60.00	-40.00	0.00133	-50.00	-40.00	0.00183	
-40.00	-40.00	0.00254	-30.00	-40.00	0.00357	
-25.00	-40.00	0.00426	-20.00	-40.00	0.00510	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00569	-15.00	-40.00	0.00612
-13.00	-40.00	0.00660	-11.00	-40.00	0.00711
-9.00	-40.00	0.00766	9.00	-40.00	0.00612
11.00	-40.00	0.00569	13.00	-40.00	0.00532
15.00	-40.00	0.00499	17.00	-40.00	0.00470
20.00	-40.00	0.00432	25.00	-40.00	0.00380
30.00	-40.00	0.00337	40.00	-40.00	0.00272
50.00	-40.00	0.00224	60.00	-40.00	0.00185
70.00	-40.00	0.00155	80.00	-40.00	0.00130
90.00	-40.00	0.00110	100.00	-40.00	0.00094
-100.00	-30.00	0.00050	-90.00	-30.00	0.00063
-80.00	-30.00	0.00082	-70.00	-30.00	0.00109
-60.00	-30.00	0.00145	-50.00	-30.00	0.00196
-40.00	-30.00	0.00267	-30.00	-30.00	0.00367
-25.00	-30.00	0.00431	-20.00	-30.00	0.00506
-17.00	-30.00	0.00553	-15.00	-30.00	0.00585
-13.00	-30.00	0.00614	-11.00	-30.00	0.00640
-9.00	-30.00	0.00661	9.00	-30.00	0.00489
11.00	-30.00	0.00463	13.00	-30.00	0.00440
15.00	-30.00	0.00419	17.00	-30.00	0.00400
20.00	-30.00	0.00375	25.00	-30.00	0.00337
30.00	-30.00	0.00304	40.00	-30.00	0.00250

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
50.00	-30.00	0.00208	60.00	-30.00	0.00175	
70.00	-30.00	0.00148	80.00	-30.00	0.00126	
90.00	-30.00	0.00107	100.00	-30.00	0.00092	
-100.00	-20.00	0.00055	-90.00	-20.00	0.00070	
-80.00	-20.00	0.00090	-70.00	-20.00	0.00117	
-60.00	-20.00	0.00154	-50.00	-20.00	0.00204	
-40.00	-20.00	0.00271	-30.00	-20.00	0.00360	
-25.00	-20.00	0.00410	-20.00	-20.00	0.00460	
-17.00	-20.00	0.00486	-15.00	-20.00	0.00502	
-13.00	-20.00	0.00515	-11.00	-20.00	0.00524	
-9.00	-20.00	0.00530	9.00	-20.00	0.00397	
11.00	-20.00	0.00377	13.00	-20.00	0.00360	
15.00	-20.00	0.00344	17.00	-20.00	0.00330	
20.00	-20.00	0.00312	25.00	-20.00	0.00286	
30.00	-20.00	0.00264	40.00	-20.00	0.00224	
50.00	-20.00	0.00191	60.00	-20.00	0.00163	
70.00	-20.00	0.00140	80.00	-20.00	0.00120	
90.00	-20.00	0.00103	100.00	-20.00	0.00090	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00060	-90.00	-10.00	0.00075
-80.00	-10.00	0.00096	-70.00	-10.00	0.00124
-60.00	-10.00	0.00159	-50.00	-10.00	0.00206
-40.00	-10.00	0.00265	-30.00	-10.00	0.00333
-25.00	-10.00	0.00365	-20.00	-10.00	0.00394
-17.00	-10.00	0.00408	-15.00	-10.00	0.00416
-13.00	-10.00	0.00421	-11.00	-10.00	0.00425
-9.00	-10.00	0.00425	9.00	-10.00	0.00327
11.00	-10.00	0.00313	13.00	-10.00	0.00300
15.00	-10.00	0.00287	17.00	-10.00	0.00276
20.00	-10.00	0.00262	25.00	-10.00	0.00241
30.00	-10.00	0.00224	40.00	-10.00	0.00196
50.00	-10.00	0.00171	60.00	-10.00	0.00149
70.00	-10.00	0.00130	80.00	-10.00	0.00113
90.00	-10.00	0.00099	100.00	-10.00	0.00086
-100.00	0.00	0.00064	-90.00	0.00	0.00080

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
-80.00	0.00	0.00101	-70.00	0.00	0.00127
-60.00	0.00	0.00160	-50.00	0.00	0.00201
-40.00	0.00	0.00248	-30.00	0.00	0.00295
-25.00	0.00	0.00316	-20.00	0.00	0.00333
-17.00	0.00	0.00341	-15.00	0.00	0.00344
-13.00	0.00	0.00346	-11.00	0.00	0.00346
-9.00	0.00	0.00344	9.00	0.00	0.00273
11.00	0.00	0.00262	13.00	0.00	0.00252
15.00	0.00	0.00243	17.00	0.00	0.00234
20.00	0.00	0.00222	25.00	0.00	0.00205
30.00	0.00	0.00192	40.00	0.00	0.00170
50.00	0.00	0.00151	60.00	0.00	0.00135
70.00	0.00	0.00119	80.00	0.00	0.00106
90.00	0.00	0.00093	100.00	0.00	0.00083
-100.00	10.00	0.00067	-90.00	10.00	0.00083
-80.00	10.00	0.00103	-70.00	10.00	0.00128
-60.00	10.00	0.00157	-50.00	10.00	0.00190
-40.00	10.00	0.00225	-30.00	10.00	0.00257
-25.00	10.00	0.00271	-20.00	10.00	0.00281
-17.00	10.00	0.00285	-15.00	10.00	0.00286
-13.00	10.00	0.00286	-11.00	10.00	0.00285
-9.00	10.00	0.00283	9.00	10.00	0.00230
11.00	10.00	0.00222	13.00	10.00	0.00215
15.00	10.00	0.00207	17.00	10.00	0.00201

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:47:46

*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00191	25.00	10.00	0.00177
30.00	10.00	0.00165	40.00	10.00	0.00147
50.00	10.00	0.00133	60.00	10.00	0.00120
70.00	10.00	0.00108	80.00	10.00	0.00097
90.00	10.00	0.00087	100.00	10.00	0.00078
-100.00	20.00	0.00070	-90.00	20.00	0.00085
-80.00	20.00	0.00104	-70.00	20.00	0.00125
-60.00	20.00	0.00150	-50.00	20.00	0.00176
-40.00	20.00	0.00201	-30.00	20.00	0.00224
-25.00	20.00	0.00233	-20.00	20.00	0.00239

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-17.00	20.00	0.00240	-15.00	20.00	0.00241
-13.00	20.00	0.00240	-11.00	20.00	0.00238
-9.00	20.00	0.00236	9.00	20.00	0.00196
11.00	20.00	0.00190	13.00	20.00	0.00184
15.00	20.00	0.00179	17.00	20.00	0.00173
20.00	20.00	0.00166	25.00	20.00	0.00154
30.00	20.00	0.00144	40.00	20.00	0.00129
50.00	20.00	0.00117	60.00	20.00	0.00107
70.00	20.00	0.00098	80.00	20.00	0.00089
90.00	20.00	0.00081	100.00	20.00	0.00073
-100.00	30.00	0.00071	-90.00	30.00	0.00086
-80.00	30.00	0.00102	-70.00	30.00	0.00121
-60.00	30.00	0.00141	-50.00	30.00	0.00160
-40.00	30.00	0.00179	-30.00	30.00	0.00195
-25.00	30.00	0.00201	-20.00	30.00	0.00204
-17.00	30.00	0.00205	-15.00	30.00	0.00204
-13.00	30.00	0.00203	-11.00	30.00	0.00202
-9.00	30.00	0.00200	9.00	30.00	0.00168
11.00	30.00	0.00164	13.00	30.00	0.00160
15.00	30.00	0.00155	17.00	30.00	0.00151
20.00	30.00	0.00145	25.00	30.00	0.00135
30.00	30.00	0.00127	40.00	30.00	0.00114
50.00	30.00	0.00103	60.00	30.00	0.00095
70.00	30.00	0.00088	80.00	30.00	0.00081
90.00	30.00	0.00075	100.00	30.00	0.00068
-100.00	40.00	0.00072	-90.00	40.00	0.00085
-80.00	40.00	0.00099	-70.00	40.00	0.00115
-60.00	40.00	0.00130	-50.00	40.00	0.00145
-40.00	40.00	0.00160	-30.00	40.00	0.00171
-25.00	40.00	0.00175	-20.00	40.00	0.00176

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:47:46

*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00176	-15.00	40.00	0.00175
-13.00	40.00	0.00174	-11.00	40.00	0.00173
-9.00	40.00	0.00171	9.00	40.00	0.00146
11.00	40.00	0.00143	13.00	40.00	0.00140

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

15.00	40.00	0.00136	17.00	40.00	0.00133
20.00	40.00	0.00128	25.00	40.00	0.00120
30.00	40.00	0.00113	40.00	40.00	0.00101
50.00	40.00	0.00092	60.00	40.00	0.00085
70.00	40.00	0.00079	80.00	40.00	0.00074
90.00	40.00	0.00068	100.00	40.00	0.00063
-100.00	50.00	0.00071	-90.00	50.00	0.00083
-80.00	50.00	0.00095	-70.00	50.00	0.00107
-60.00	50.00	0.00120	-50.00	50.00	0.00132
-40.00	50.00	0.00143	-30.00	50.00	0.00151
-25.00	50.00	0.00153	-20.00	50.00	0.00153
-17.00	50.00	0.00152	-15.00	50.00	0.00152
-13.00	50.00	0.00151	-11.00	50.00	0.00149
-9.00	50.00	0.00148	9.00	50.00	0.00128
11.00	50.00	0.00126	13.00	50.00	0.00123
15.00	50.00	0.00120	17.00	50.00	0.00117
20.00	50.00	0.00113	25.00	50.00	0.00107
30.00	50.00	0.00101	40.00	50.00	0.00091
50.00	50.00	0.00083	60.00	50.00	0.00077
70.00	50.00	0.00071	80.00	50.00	0.00067
90.00	50.00	0.00062	100.00	50.00	0.00058
-100.00	60.00	0.00070	-90.00	60.00	0.00080
-80.00	60.00	0.00090	-70.00	60.00	0.00100
-60.00	60.00	0.00110	-50.00	60.00	0.00119
-40.00	60.00	0.00128	-30.00	60.00	0.00133
-25.00	60.00	0.00134	-20.00	60.00	0.00134
-17.00	60.00	0.00133	-15.00	60.00	0.00133
-13.00	60.00	0.00132	-11.00	60.00	0.00131
-9.00	60.00	0.00129	9.00	60.00	0.00113
11.00	60.00	0.00111	13.00	60.00	0.00109
15.00	60.00	0.00107	17.00	60.00	0.00104
20.00	60.00	0.00101	25.00	60.00	0.00096
30.00	60.00	0.00091	40.00	60.00	0.00082
50.00	60.00	0.00075	60.00	60.00	0.00069
70.00	60.00	0.00065	80.00	60.00	0.00061
90.00	60.00	0.00057	100.00	60.00	0.00054

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00068	-90.00	70.00	0.00076
-80.00	70.00	0.00084	-70.00	70.00	0.00093
-60.00	70.00	0.00101	-50.00	70.00	0.00108
-40.00	70.00	0.00115	-30.00	70.00	0.00119
-25.00	70.00	0.00119	-20.00	70.00	0.00118
-17.00	70.00	0.00118	-15.00	70.00	0.00117
-13.00	70.00	0.00116	-11.00	70.00	0.00115
-9.00	70.00	0.00114	9.00	70.00	0.00101
11.00	70.00	0.00099	13.00	70.00	0.00097
15.00	70.00	0.00095	17.00	70.00	0.00094
20.00	70.00	0.00091	25.00	70.00	0.00086
30.00	70.00	0.00082	40.00	70.00	0.00074
50.00	70.00	0.00068	60.00	70.00	0.00063
70.00	70.00	0.00059	80.00	70.00	0.00055
90.00	70.00	0.00052	100.00	70.00	0.00050
-100.00	80.00	0.00065	-90.00	80.00	0.00072
-80.00	80.00	0.00079	-70.00	80.00	0.00086
-60.00	80.00	0.00092	-50.00	80.00	0.00099
-40.00	80.00	0.00104	-30.00	80.00	0.00106
-25.00	80.00	0.00106	-20.00	80.00	0.00105
-17.00	80.00	0.00104	-15.00	80.00	0.00104
-13.00	80.00	0.00103	-11.00	80.00	0.00102
-9.00	80.00	0.00101	9.00	80.00	0.00090
11.00	80.00	0.00089	13.00	80.00	0.00087
15.00	80.00	0.00086	17.00	80.00	0.00084
20.00	80.00	0.00082	25.00	80.00	0.00078
30.00	80.00	0.00074	40.00	80.00	0.00068
50.00	80.00	0.00062	60.00	80.00	0.00058
70.00	80.00	0.00054	80.00	80.00	0.00051
90.00	80.00	0.00048	100.00	80.00	0.00046
-100.00	90.00	0.00062	-90.00	90.00	0.00068
-80.00	90.00	0.00074	-70.00	90.00	0.00079
-60.00	90.00	0.00085	-50.00	90.00	0.00090
-40.00	90.00	0.00094	-30.00	90.00	0.00095
-25.00	90.00	0.00095	-20.00	90.00	0.00094
-17.00	90.00	0.00093	-15.00	90.00	0.00093
-13.00	90.00	0.00092	-11.00	90.00	0.00091
-9.00	90.00	0.00091	9.00	90.00	0.00081
11.00	90.00	0.00080	13.00	90.00	0.00079
15.00	90.00	0.00078	17.00	90.00	0.00076

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

18:47:46

*** Maximum train overlap at North/South Bound Direction

**MODELOPTs:
PAGE 96
CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00074	25.00	90.00	0.00071
30.00	90.00	0.00068	40.00	90.00	0.00062
50.00	90.00	0.00057	60.00	90.00	0.00053
70.00	90.00	0.00050	80.00	90.00	0.00047
90.00	90.00	0.00044	100.00	90.00	0.00042
-100.00	100.00	0.00059	-90.00	100.00	0.00064
-80.00	100.00	0.00069	-70.00	100.00	0.00074
-60.00	100.00	0.00078	-50.00	100.00	0.00082
-40.00	100.00	0.00085	-30.00	100.00	0.00086
-25.00	100.00	0.00086	-20.00	100.00	0.00085
-17.00	100.00	0.00084	-15.00	100.00	0.00083
-13.00	100.00	0.00083	-11.00	100.00	0.00082
-9.00	100.00	0.00082	9.00	100.00	0.00074
11.00	100.00	0.00073	13.00	100.00	0.00072
15.00	100.00	0.00070	17.00	100.00	0.00069
20.00	100.00	0.00068	25.00	100.00	0.00065
30.00	100.00	0.00062	40.00	100.00	0.00057
50.00	100.00	0.00053	60.00	100.00	0.00049
70.00	100.00	0.00046	80.00	100.00	0.00043
90.00	100.00	0.00041	100.00	100.00	0.00039
-100.00	110.00	0.00056	-90.00	110.00	0.00060
-80.00	110.00	0.00064	-70.00	110.00	0.00069
-60.00	110.00	0.00072	-50.00	110.00	0.00076
-40.00	110.00	0.00078	-30.00	110.00	0.00078
-25.00	110.00	0.00077	-20.00	110.00	0.00077
-17.00	110.00	0.00076	-15.00	110.00	0.00075
-13.00	110.00	0.00075	-11.00	110.00	0.00074
-9.00	110.00	0.00074	9.00	110.00	0.00067
11.00	110.00	0.00066	13.00	110.00	0.00065
15.00	110.00	0.00064	17.00	110.00	0.00063
20.00	110.00	0.00062	25.00	110.00	0.00060
30.00	110.00	0.00057	40.00	110.00	0.00053
50.00	110.00	0.00049	60.00	110.00	0.00046
70.00	110.00	0.00043	80.00	110.00	0.00040
90.00	110.00	0.00038	100.00	110.00	0.00036
-100.00	120.00	0.00053	-90.00	120.00	0.00057

X-Coord (M)	Y-Coord (M)	Concentration	X-Coord (M)	Y-Coord (M)	Concentration
-80.00	120.00	0.00060	-70.00	120.00	0.00064
-60.00	120.00	0.00067	-50.00	120.00	0.00070
-40.00	120.00	0.00071	-30.00	120.00	0.00071
-25.00	120.00	0.00070	-20.00	120.00	0.00070

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 97
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00069	-15.00	120.00	0.00069
-13.00	120.00	0.00068	-11.00	120.00	0.00068
-9.00	120.00	0.00067	9.00	120.00	0.00061
11.00	120.00	0.00060	13.00	120.00	0.00060
15.00	120.00	0.00059	17.00	120.00	0.00058
20.00	120.00	0.00057	25.00	120.00	0.00055
30.00	120.00	0.00053	40.00	120.00	0.00049
50.00	120.00	0.00045	60.00	120.00	0.00042
70.00	120.00	0.00040	80.00	120.00	0.00038
90.00	120.00	0.00036	100.00	120.00	0.00034
-100.00	130.00	0.00050	-90.00	130.00	0.00053
-80.00	130.00	0.00056	-70.00	130.00	0.00059
-60.00	130.00	0.00062	-50.00	130.00	0.00064
-40.00	130.00	0.00065	-30.00	130.00	0.00065
-25.00	130.00	0.00064	-20.00	130.00	0.00064
-17.00	130.00	0.00063	-15.00	130.00	0.00063
-13.00	130.00	0.00062	-11.00	130.00	0.00062
-9.00	130.00	0.00061	9.00	130.00	0.00056
11.00	130.00	0.00056	13.00	130.00	0.00055
15.00	130.00	0.00054	17.00	130.00	0.00053
20.00	130.00	0.00052	25.00	130.00	0.00051
30.00	130.00	0.00049	40.00	130.00	0.00045
50.00	130.00	0.00042	60.00	130.00	0.00039
70.00	130.00	0.00037	80.00	130.00	0.00035
90.00	130.00	0.00033	100.00	130.00	0.00032
-100.00	140.00	0.00047	-90.00	140.00	0.00050
-80.00	140.00	0.00053	-70.00	140.00	0.00055
-60.00	140.00	0.00058	-50.00	140.00	0.00059
-40.00	140.00	0.00060	-30.00	140.00	0.00059
-25.00	140.00	0.00059	-20.00	140.00	0.00058

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-17.00	140.00	0.00058	-15.00	140.00	0.00057	
-13.00	140.00	0.00057	-11.00	140.00	0.00057	
-9.00	140.00	0.00056	9.00	140.00	0.00052	
11.00	140.00	0.00051	13.00	140.00	0.00051	
15.00	140.00	0.00050	17.00	140.00	0.00049	
20.00	140.00	0.00048	25.00	140.00	0.00047	
30.00	140.00	0.00045	40.00	140.00	0.00042	
50.00	140.00	0.00039	60.00	140.00	0.00037	
70.00	140.00	0.00035	80.00	140.00	0.00033	
90.00	140.00	0.00031	100.00	140.00	0.00030	

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00045	-90.00	150.00	0.00047
-80.00	150.00	0.00050	-70.00	150.00	0.00052
-60.00	150.00	0.00054	-50.00	150.00	0.00055
-40.00	150.00	0.00055	-30.00	150.00	0.00055
-25.00	150.00	0.00054	-20.00	150.00	0.00054
-17.00	150.00	0.00053	-15.00	150.00	0.00053
-13.00	150.00	0.00053	-11.00	150.00	0.00052
-9.00	150.00	0.00052	9.00	150.00	0.00048
11.00	150.00	0.00047	13.00	150.00	0.00047
15.00	150.00	0.00046	17.00	150.00	0.00046
20.00	150.00	0.00045	25.00	150.00	0.00044
30.00	150.00	0.00042	40.00	150.00	0.00039
50.00	150.00	0.00037	60.00	150.00	0.00035
70.00	150.00	0.00033	80.00	150.00	0.00031
90.00	150.00	0.00029	100.00	150.00	0.00028
-100.00	160.00	0.00042	-90.00	160.00	0.00045
-80.00	160.00	0.00047	-70.00	160.00	0.00049
-60.00	160.00	0.00050	-50.00	160.00	0.00051
-40.00	160.00	0.00051	-30.00	160.00	0.00051
-25.00	160.00	0.00050	-20.00	160.00	0.00050
-17.00	160.00	0.00049	-15.00	160.00	0.00049
-13.00	160.00	0.00049	-11.00	160.00	0.00048
-9.00	160.00	0.00048	9.00	160.00	0.00044
11.00	160.00	0.00044	13.00	160.00	0.00043

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
15.00	160.00	0.00043	17.00	160.00	0.00043	
20.00	160.00	0.00042	25.00	160.00	0.00041	
30.00	160.00	0.00039	40.00	160.00	0.00037	
50.00	160.00	0.00035	60.00	160.00	0.00033	
70.00	160.00	0.00031	80.00	160.00	0.00029	
90.00	160.00	0.00028	100.00	160.00	0.00026	
-100.00	170.00	0.00040	-90.00	170.00	0.00042	
-80.00	170.00	0.00044	-70.00	170.00	0.00046	
-60.00	170.00	0.00047	-50.00	170.00	0.00047	
-40.00	170.00	0.00047	-30.00	170.00	0.00047	
-25.00	170.00	0.00046	-20.00	170.00	0.00046	
-17.00	170.00	0.00046	-15.00	170.00	0.00045	
-13.00	170.00	0.00045	-11.00	170.00	0.00045	
-9.00	170.00	0.00044	9.00	170.00	0.00041	
11.00	170.00	0.00041	13.00	170.00	0.00040	
15.00	170.00	0.00040	17.00	170.00	0.00040	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTS:
 PAGE 99

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00039	25.00	170.00	0.00038
30.00	170.00	0.00037	40.00	170.00	0.00035
50.00	170.00	0.00033	60.00	170.00	0.00031
70.00	170.00	0.00029	80.00	170.00	0.00027
90.00	170.00	0.00026	100.00	170.00	0.00025
-100.00	180.00	0.00038	-90.00	180.00	0.00040
-80.00	180.00	0.00041	-70.00	180.00	0.00043
-60.00	180.00	0.00044	-50.00	180.00	0.00044
-40.00	180.00	0.00044	-30.00	180.00	0.00044
-25.00	180.00	0.00043	-20.00	180.00	0.00043
-17.00	180.00	0.00042	-15.00	180.00	0.00042
-13.00	180.00	0.00042	-11.00	180.00	0.00042
-9.00	180.00	0.00041	9.00	180.00	0.00038
11.00	180.00	0.00038	13.00	180.00	0.00038
15.00	180.00	0.00037	17.00	180.00	0.00037
20.00	180.00	0.00036	25.00	180.00	0.00035
30.00	180.00	0.00035	40.00	180.00	0.00033
50.00	180.00	0.00031	60.00	180.00	0.00029

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
70.00	180.00	0.00027	80.00	180.00	0.00026	
90.00	180.00	0.00025	100.00	180.00	0.00024	
-100.00	190.00	0.00036	-90.00	190.00	0.00038	
-80.00	190.00	0.00039	-70.00	190.00	0.00040	
-60.00	190.00	0.00041	-50.00	190.00	0.00041	
-40.00	190.00	0.00041	-30.00	190.00	0.00041	
-25.00	190.00	0.00040	-20.00	190.00	0.00040	
-17.00	190.00	0.00039	-15.00	190.00	0.00039	
-13.00	190.00	0.00039	-11.00	190.00	0.00039	
-9.00	190.00	0.00039	9.00	190.00	0.00036	
11.00	190.00	0.00036	13.00	190.00	0.00035	
15.00	190.00	0.00035	17.00	190.00	0.00035	
20.00	190.00	0.00034	25.00	190.00	0.00033	
30.00	190.00	0.00032	40.00	190.00	0.00031	
50.00	190.00	0.00029	60.00	190.00	0.00027	
70.00	190.00	0.00026	80.00	190.00	0.00025	
90.00	190.00	0.00023	100.00	190.00	0.00022	
-100.00	200.00	0.00034	-90.00	200.00	0.00036	
-80.00	200.00	0.00037	-70.00	200.00	0.00038	
-60.00	200.00	0.00038	-50.00	200.00	0.00039	
-40.00	200.00	0.00038	-30.00	200.00	0.00038	
-25.00	200.00	0.00038	-20.00	200.00	0.00037	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTS:
 PAGE 100
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00037	-15.00	200.00	0.00037
-13.00	200.00	0.00036	-11.00	200.00	0.00036
-9.00	200.00	0.00036	9.00	200.00	0.00034
11.00	200.00	0.00033	13.00	200.00	0.00033
15.00	200.00	0.00033	17.00	200.00	0.00033
20.00	200.00	0.00032	25.00	200.00	0.00031
30.00	200.00	0.00031	40.00	200.00	0.00029
50.00	200.00	0.00027	60.00	200.00	0.00026
70.00	200.00	0.00025	80.00	200.00	0.00023
90.00	200.00	0.00022	100.00	200.00	0.00021
-100.00	210.00	0.00033	-90.00	210.00	0.00034
-80.00	210.00	0.00035	-70.00	210.00	0.00036

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-60.00	210.00	0.00036	-50.00	210.00	0.00036
-40.00	210.00	0.00036	-30.00	210.00	0.00036
-25.00	210.00	0.00035	-20.00	210.00	0.00035
-17.00	210.00	0.00035	-15.00	210.00	0.00034
-13.00	210.00	0.00034	-11.00	210.00	0.00034
-9.00	210.00	0.00034	9.00	210.00	0.00032
11.00	210.00	0.00031	13.00	210.00	0.00031
15.00	210.00	0.00031	17.00	210.00	0.00031
20.00	210.00	0.00030	25.00	210.00	0.00030
30.00	210.00	0.00029	40.00	210.00	0.00027
50.00	210.00	0.00026	60.00	210.00	0.00025
70.00	210.00	0.00023	80.00	210.00	0.00022
90.00	210.00	0.00021	100.00	210.00	0.00020
-100.00	220.00	0.00031	-90.00	220.00	0.00032
-80.00	220.00	0.00033	-70.00	220.00	0.00034
-60.00	220.00	0.00034	-50.00	220.00	0.00034
-40.00	220.00	0.00034	-30.00	220.00	0.00033
-25.00	220.00	0.00033	-20.00	220.00	0.00033
-17.00	220.00	0.00032	-15.00	220.00	0.00032
-13.00	220.00	0.00032	-11.00	220.00	0.00032
-9.00	220.00	0.00032	9.00	220.00	0.00030
11.00	220.00	0.00030	13.00	220.00	0.00029
15.00	220.00	0.00029	17.00	220.00	0.00029
20.00	220.00	0.00028	25.00	220.00	0.00028
30.00	220.00	0.00027	40.00	220.00	0.00026
50.00	220.00	0.00025	60.00	220.00	0.00023
70.00	220.00	0.00022	80.00	220.00	0.00021
90.00	220.00	0.00020	100.00	220.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00030	-90.00	230.00	0.00031
-80.00	230.00	0.00031	-70.00	230.00	0.00032
-60.00	230.00	0.00032	-50.00	230.00	0.00032
-40.00	230.00	0.00032	-30.00	230.00	0.00031
-25.00	230.00	0.00031	-20.00	230.00	0.00031
-17.00	230.00	0.00031	-15.00	230.00	0.00030

		09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound			
20.00	250.00	0.00024	25.00	250.00	0.00024
30.00	250.00	0.00023	40.00	250.00	0.00022
50.00	250.00	0.00021	60.00	250.00	0.00020
70.00	250.00	0.00019	80.00	250.00	0.00018
90.00	250.00	0.00018	100.00	250.00	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00018	-90.00	-250.00	0.00021
-80.00	-250.00	0.00024	-70.00	-250.00	0.00028
-60.00	-250.00	0.00033	-50.00	-250.00	0.00039
-40.00	-250.00	0.00046	-30.00	-250.00	0.00055
-25.00	-250.00	0.00060	-20.00	-250.00	0.00066
-17.00	-250.00	0.00069	-15.00	-250.00	0.00072
-13.00	-250.00	0.00075	-11.00	-250.00	0.00079
-9.00	-250.00	0.00083	9.00	-250.00	0.00170
11.00	-250.00	0.00178	13.00	-250.00	0.00184
15.00	-250.00	0.00190	17.00	-250.00	0.00194
20.00	-250.00	0.00199	25.00	-250.00	0.00203
30.00	-250.00	0.00202	40.00	-250.00	0.00192
50.00	-250.00	0.00175	60.00	-250.00	0.00156
70.00	-250.00	0.00138	80.00	-250.00	0.00121
90.00	-250.00	0.00106	100.00	-250.00	0.00094
-100.00	-240.00	0.00019	-90.00	-240.00	0.00022
-80.00	-240.00	0.00026	-70.00	-240.00	0.00030
-60.00	-240.00	0.00036	-50.00	-240.00	0.00042
-40.00	-240.00	0.00050	-30.00	-240.00	0.00061
-25.00	-240.00	0.00067	-20.00	-240.00	0.00074
-17.00	-240.00	0.00080	-15.00	-240.00	0.00084
-13.00	-240.00	0.00088	-11.00	-240.00	0.00093
-9.00	-240.00	0.00098	9.00	-240.00	0.00227
11.00	-240.00	0.00237	13.00	-240.00	0.00245
15.00	-240.00	0.00250	17.00	-240.00	0.00253
20.00	-240.00	0.00255	25.00	-240.00	0.00252
30.00	-240.00	0.00244	40.00	-240.00	0.00221
50.00	-240.00	0.00197	60.00	-240.00	0.00172
70.00	-240.00	0.00149	80.00	-240.00	0.00129

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
90.00	-240.00	0.00112	100.00	-240.00	0.00098	
-100.00	-230.00	0.00020	-90.00	-230.00	0.00023	
-80.00	-230.00	0.00027	-70.00	-230.00	0.00032	
-60.00	-230.00	0.00038	-50.00	-230.00	0.00046	
-40.00	-230.00	0.00055	-30.00	-230.00	0.00067	
-25.00	-230.00	0.00074	-20.00	-230.00	0.00083	
-17.00	-230.00	0.00090	-15.00	-230.00	0.00095	
-13.00	-230.00	0.00100	-11.00	-230.00	0.00107	
-9.00	-230.00	0.00116	9.00	-230.00	0.00322	
11.00	-230.00	0.00325	13.00	-230.00	0.00325	
15.00	-230.00	0.00323	17.00	-230.00	0.00320	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:47:46

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00314	25.00	-230.00	0.00299
30.00	-230.00	0.00283	40.00	-230.00	0.00250
50.00	-230.00	0.00217	60.00	-230.00	0.00186
70.00	-230.00	0.00158	80.00	-230.00	0.00135
90.00	-230.00	0.00116	100.00	-230.00	0.00101
-100.00	-220.00	0.00021	-90.00	-220.00	0.00024
-80.00	-220.00	0.00028	-70.00	-220.00	0.00034
-60.00	-220.00	0.00040	-50.00	-220.00	0.00049
-40.00	-220.00	0.00060	-30.00	-220.00	0.00073
-25.00	-220.00	0.00082	-20.00	-220.00	0.00093
-17.00	-220.00	0.00101	-15.00	-220.00	0.00108
-13.00	-220.00	0.00116	-11.00	-220.00	0.00128
-9.00	-220.00	0.00145	9.00	-220.00	0.00439
11.00	-220.00	0.00420	13.00	-220.00	0.00406
15.00	-220.00	0.00394	17.00	-220.00	0.00383
20.00	-220.00	0.00367	25.00	-220.00	0.00342
30.00	-220.00	0.00318	40.00	-220.00	0.00273
50.00	-220.00	0.00232	60.00	-220.00	0.00195
70.00	-220.00	0.00164	80.00	-220.00	0.00139
90.00	-220.00	0.00119	100.00	-220.00	0.00102
-100.00	-210.00	0.00022	-90.00	-210.00	0.00026
-80.00	-210.00	0.00030	-70.00	-210.00	0.00036
-60.00	-210.00	0.00043	-50.00	-210.00	0.00053

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-40.00	-210.00	0.00066	-30.00	-210.00	0.00085	
-25.00	-210.00	0.00099	-20.00	-210.00	0.00119	
-17.00	-210.00	0.00139	-15.00	-210.00	0.00158	
-13.00	-210.00	0.00184	-11.00	-210.00	0.00220	
-9.00	-210.00	0.00270	9.00	-210.00	0.00569	
11.00	-210.00	0.00534	13.00	-210.00	0.00505	
15.00	-210.00	0.00480	17.00	-210.00	0.00458	
20.00	-210.00	0.00429	25.00	-210.00	0.00388	
30.00	-210.00	0.00354	40.00	-210.00	0.00295	
50.00	-210.00	0.00244	60.00	-210.00	0.00202	
70.00	-210.00	0.00169	80.00	-210.00	0.00142	
90.00	-210.00	0.00120	100.00	-210.00	0.00102	
-100.00	-200.00	0.00023	-90.00	-200.00	0.00027	
-80.00	-200.00	0.00032	-70.00	-200.00	0.00038	
-60.00	-200.00	0.00047	-50.00	-200.00	0.00059	
-40.00	-200.00	0.00078	-30.00	-200.00	0.00110	
-25.00	-200.00	0.00137	-20.00	-200.00	0.00183	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00223	-15.00	-200.00	0.00257
-13.00	-200.00	0.00299	-11.00	-200.00	0.00350
-9.00	-200.00	0.00415	9.00	-200.00	0.00666
11.00	-200.00	0.00622	13.00	-200.00	0.00587
15.00	-200.00	0.00556	17.00	-200.00	0.00528
20.00	-200.00	0.00491	25.00	-200.00	0.00437
30.00	-200.00	0.00391	40.00	-200.00	0.00315
50.00	-200.00	0.00255	60.00	-200.00	0.00208
70.00	-200.00	0.00172	80.00	-200.00	0.00143
90.00	-200.00	0.00120	100.00	-200.00	0.00102
-100.00	-190.00	0.00025	-90.00	-190.00	0.00029
-80.00	-190.00	0.00035	-70.00	-190.00	0.00043
-60.00	-190.00	0.00054	-50.00	-190.00	0.00070
-40.00	-190.00	0.00097	-30.00	-190.00	0.00150
-25.00	-190.00	0.00196	-20.00	-190.00	0.00261
-17.00	-190.00	0.00313	-15.00	-190.00	0.00355
-13.00	-190.00	0.00403	-11.00	-190.00	0.00461

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-9.00	-190.00	0.00530	9.00	-190.00	0.00734	
11.00	-190.00	0.00684	13.00	-190.00	0.00643	
15.00	-190.00	0.00608	17.00	-190.00	0.00577	
20.00	-190.00	0.00535	25.00	-190.00	0.00474	
30.00	-190.00	0.00420	40.00	-190.00	0.00331	
50.00	-190.00	0.00263	60.00	-190.00	0.00212	
70.00	-190.00	0.00173	80.00	-190.00	0.00143	
90.00	-190.00	0.00120	100.00	-190.00	0.00102	
-100.00	-180.00	0.00027	-90.00	-180.00	0.00032	
-80.00	-180.00	0.00039	-70.00	-180.00	0.00049	
-60.00	-180.00	0.00063	-50.00	-180.00	0.00085	
-40.00	-180.00	0.00124	-30.00	-180.00	0.00198	
-25.00	-180.00	0.00255	-20.00	-180.00	0.00331	
-17.00	-180.00	0.00389	-15.00	-180.00	0.00434	
-13.00	-180.00	0.00486	-11.00	-180.00	0.00546	
-9.00	-180.00	0.00616	9.00	-180.00	0.00780	
11.00	-180.00	0.00724	13.00	-180.00	0.00678	
15.00	-180.00	0.00639	17.00	-180.00	0.00605	
20.00	-180.00	0.00559	25.00	-180.00	0.00493	
30.00	-180.00	0.00434	40.00	-180.00	0.00339	
50.00	-180.00	0.00267	60.00	-180.00	0.00213	
70.00	-180.00	0.00173	80.00	-180.00	0.00143	
90.00	-180.00	0.00120	100.00	-180.00	0.00101	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00029	-90.00	-170.00	0.00035
-80.00	-170.00	0.00044	-70.00	-170.00	0.00056
-60.00	-170.00	0.00075	-50.00	-170.00	0.00105
-40.00	-170.00	0.00156	-30.00	-170.00	0.00242
-25.00	-170.00	0.00305	-20.00	-170.00	0.00388
-17.00	-170.00	0.00449	-15.00	-170.00	0.00496
-13.00	-170.00	0.00548	-11.00	-170.00	0.00608
-9.00	-170.00	0.00679	9.00	-170.00	0.00805
11.00	-170.00	0.00744	13.00	-170.00	0.00695
15.00	-170.00	0.00653	17.00	-170.00	0.00615
20.00	-170.00	0.00565	25.00	-170.00	0.00493

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
30.00	-170.00	0.00433	40.00	-170.00	0.00337	
50.00	-170.00	0.00266	60.00	-170.00	0.00212	
70.00	-170.00	0.00172	80.00	-170.00	0.00142	
90.00	-170.00	0.00119	100.00	-170.00	0.00100	
-100.00	-160.00	0.00032	-90.00	-160.00	0.00039	
-80.00	-160.00	0.00050	-70.00	-160.00	0.00065	
-60.00	-160.00	0.00089	-50.00	-160.00	0.00126	
-40.00	-160.00	0.00186	-30.00	-160.00	0.00280	
-25.00	-160.00	0.00347	-20.00	-160.00	0.00431	
-17.00	-160.00	0.00494	-15.00	-160.00	0.00541	
-13.00	-160.00	0.00594	-11.00	-160.00	0.00653	
-9.00	-160.00	0.00723	9.00	-160.00	0.00809	
11.00	-160.00	0.00743	13.00	-160.00	0.00690	
15.00	-160.00	0.00645	17.00	-160.00	0.00604	
20.00	-160.00	0.00550	25.00	-160.00	0.00476	
30.00	-160.00	0.00418	40.00	-160.00	0.00326	
50.00	-160.00	0.00260	60.00	-160.00	0.00209	
70.00	-160.00	0.00170	80.00	-160.00	0.00140	
90.00	-160.00	0.00117	100.00	-160.00	0.00099	
-100.00	-150.00	0.00035	-90.00	-150.00	0.00044	
-80.00	-150.00	0.00057	-70.00	-150.00	0.00075	
-60.00	-150.00	0.00104	-50.00	-150.00	0.00147	
-40.00	-150.00	0.00213	-30.00	-150.00	0.00312	
-25.00	-150.00	0.00380	-20.00	-150.00	0.00466	
-17.00	-150.00	0.00528	-15.00	-150.00	0.00574	
-13.00	-150.00	0.00626	-11.00	-150.00	0.00684	
-9.00	-150.00	0.00751	9.00	-150.00	0.00784	
11.00	-150.00	0.00714	13.00	-150.00	0.00657	
15.00	-150.00	0.00610	17.00	-150.00	0.00569	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00517	25.00	-150.00	0.00447
30.00	-150.00	0.00393	40.00	-150.00	0.00311
50.00	-150.00	0.00249	60.00	-150.00	0.00202
70.00	-150.00	0.00165	80.00	-150.00	0.00137
90.00	-150.00	0.00115	100.00	-150.00	0.00097

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-140.00	0.00040	-90.00	-140.00	0.00050	
-80.00	-140.00	0.00065	-70.00	-140.00	0.00087	
-60.00	-140.00	0.00119	-50.00	-140.00	0.00166	
-40.00	-140.00	0.00235	-30.00	-140.00	0.00337	
-25.00	-140.00	0.00406	-20.00	-140.00	0.00492	
-17.00	-140.00	0.00553	-15.00	-140.00	0.00598	
-13.00	-140.00	0.00648	-11.00	-140.00	0.00704	
-9.00	-140.00	0.00768	9.00	-140.00	0.00715	
11.00	-140.00	0.00649	13.00	-140.00	0.00596	
15.00	-140.00	0.00555	17.00	-140.00	0.00520	
20.00	-140.00	0.00475	25.00	-140.00	0.00414	
30.00	-140.00	0.00365	40.00	-140.00	0.00291	
50.00	-140.00	0.00236	60.00	-140.00	0.00194	
70.00	-140.00	0.00160	80.00	-140.00	0.00133	
90.00	-140.00	0.00112	100.00	-140.00	0.00095	
-100.00	-130.00	0.00044	-90.00	-130.00	0.00056	
-80.00	-130.00	0.00074	-70.00	-130.00	0.00098	
-60.00	-130.00	0.00133	-50.00	-130.00	0.00183	
-40.00	-130.00	0.00254	-30.00	-130.00	0.00357	
-25.00	-130.00	0.00426	-20.00	-130.00	0.00510	
-17.00	-130.00	0.00569	-15.00	-130.00	0.00612	
-13.00	-130.00	0.00660	-11.00	-130.00	0.00711	
-9.00	-130.00	0.00766	9.00	-130.00	0.00612	
11.00	-130.00	0.00569	13.00	-130.00	0.00532	
15.00	-130.00	0.00499	17.00	-130.00	0.00470	
20.00	-130.00	0.00432	25.00	-130.00	0.00380	
30.00	-130.00	0.00337	40.00	-130.00	0.00272	
50.00	-130.00	0.00224	60.00	-130.00	0.00185	
70.00	-130.00	0.00155	80.00	-130.00	0.00130	
90.00	-130.00	0.00110	100.00	-130.00	0.00094	
-100.00	-120.00	0.00050	-90.00	-120.00	0.00063	
-80.00	-120.00	0.00082	-70.00	-120.00	0.00109	
-60.00	-120.00	0.00145	-50.00	-120.00	0.00196	
-40.00	-120.00	0.00267	-30.00	-120.00	0.00367	
-25.00	-120.00	0.00431	-20.00	-120.00	0.00506	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08
*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
PAGE 108
CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-17.00	-120.00	0.00553	-15.00	-120.00	0.00585
-13.00	-120.00	0.00614	-11.00	-120.00	0.00640
-9.00	-120.00	0.00661	9.00	-120.00	0.00489
11.00	-120.00	0.00463	13.00	-120.00	0.00440
15.00	-120.00	0.00419	17.00	-120.00	0.00400
20.00	-120.00	0.00375	25.00	-120.00	0.00337
30.00	-120.00	0.00304	40.00	-120.00	0.00250
50.00	-120.00	0.00208	60.00	-120.00	0.00175
70.00	-120.00	0.00148	80.00	-120.00	0.00126
90.00	-120.00	0.00107	100.00	-120.00	0.00092
-100.00	-110.00	0.00055	-90.00	-110.00	0.00070
-80.00	-110.00	0.00090	-70.00	-110.00	0.00117
-60.00	-110.00	0.00154	-50.00	-110.00	0.00204
-40.00	-110.00	0.00271	-30.00	-110.00	0.00360
-25.00	-110.00	0.00410	-20.00	-110.00	0.00460
-17.00	-110.00	0.00486	-15.00	-110.00	0.00502
-13.00	-110.00	0.00515	-11.00	-110.00	0.00524
-9.00	-110.00	0.00530	9.00	-110.00	0.00397
11.00	-110.00	0.00377	13.00	-110.00	0.00360
15.00	-110.00	0.00344	17.00	-110.00	0.00330
20.00	-110.00	0.00312	25.00	-110.00	0.00286
30.00	-110.00	0.00264	40.00	-110.00	0.00224
50.00	-110.00	0.00191	60.00	-110.00	0.00163
70.00	-110.00	0.00140	80.00	-110.00	0.00120
90.00	-110.00	0.00103	100.00	-110.00	0.00090
-100.00	-100.00	0.00060	-90.00	-100.00	0.00075
-80.00	-100.00	0.00096	-70.00	-100.00	0.00124
-60.00	-100.00	0.00159	-50.00	-100.00	0.00206
-40.00	-100.00	0.00265	-30.00	-100.00	0.00333
-25.00	-100.00	0.00365	-20.00	-100.00	0.00394
-17.00	-100.00	0.00408	-15.00	-100.00	0.00416
-13.00	-100.00	0.00421	-11.00	-100.00	0.00425
-9.00	-100.00	0.00425	9.00	-100.00	0.00327
11.00	-100.00	0.00313	13.00	-100.00	0.00300
15.00	-100.00	0.00287	17.00	-100.00	0.00276
20.00	-100.00	0.00262	25.00	-100.00	0.00241
30.00	-100.00	0.00224	40.00	-100.00	0.00196
50.00	-100.00	0.00171	60.00	-100.00	0.00149
70.00	-100.00	0.00130	80.00	-100.00	0.00113
90.00	-100.00	0.00099	100.00	-100.00	0.00086

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

18:47:46
**MODELOPTs:
PAGE 109

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-90.00	0.00064	-90.00	-90.00	0.00080	
-80.00	-90.00	0.00101	-70.00	-90.00	0.00127	
-60.00	-90.00	0.00160	-50.00	-90.00	0.00201	
-40.00	-90.00	0.00248	-30.00	-90.00	0.00295	
-25.00	-90.00	0.00316	-20.00	-90.00	0.00333	
-17.00	-90.00	0.00341	-15.00	-90.00	0.00344	
-13.00	-90.00	0.00346	-11.00	-90.00	0.00346	
-9.00	-90.00	0.00344	9.00	-90.00	0.00273	
11.00	-90.00	0.00262	13.00	-90.00	0.00252	
15.00	-90.00	0.00243	17.00	-90.00	0.00234	
20.00	-90.00	0.00222	25.00	-90.00	0.00205	
30.00	-90.00	0.00192	40.00	-90.00	0.00170	
50.00	-90.00	0.00151	60.00	-90.00	0.00135	
70.00	-90.00	0.00119	80.00	-90.00	0.00106	
90.00	-90.00	0.00093	100.00	-90.00	0.00083	
-100.00	-80.00	0.00067	-90.00	-80.00	0.00083	
-80.00	-80.00	0.00103	-70.00	-80.00	0.00128	
-60.00	-80.00	0.00157	-50.00	-80.00	0.00190	
-40.00	-80.00	0.00225	-30.00	-80.00	0.00257	
-25.00	-80.00	0.00271	-20.00	-80.00	0.00281	
-17.00	-80.00	0.00285	-15.00	-80.00	0.00286	
-13.00	-80.00	0.00286	-11.00	-80.00	0.00285	
-9.00	-80.00	0.00283	9.00	-80.00	0.00230	
11.00	-80.00	0.00222	13.00	-80.00	0.00215	
15.00	-80.00	0.00207	17.00	-80.00	0.00201	
20.00	-80.00	0.00191	25.00	-80.00	0.00177	
30.00	-80.00	0.00165	40.00	-80.00	0.00147	
50.00	-80.00	0.00133	60.00	-80.00	0.00120	
70.00	-80.00	0.00108	80.00	-80.00	0.00097	
90.00	-80.00	0.00087	100.00	-80.00	0.00078	
-100.00	-70.00	0.00070	-90.00	-70.00	0.00085	
-80.00	-70.00	0.00104	-70.00	-70.00	0.00125	
-60.00	-70.00	0.00150	-50.00	-70.00	0.00176	
-40.00	-70.00	0.00201	-30.00	-70.00	0.00224	
-25.00	-70.00	0.00233	-20.00	-70.00	0.00239	
-17.00	-70.00	0.00240	-15.00	-70.00	0.00241	
-13.00	-70.00	0.00240	-11.00	-70.00	0.00238	

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
-9.00	-70.00	0.00236	9.00	-70.00	0.00196
11.00	-70.00	0.00190	13.00	-70.00	0.00184
15.00	-70.00	0.00179	17.00	-70.00	0.00173

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00166	25.00	-70.00	0.00154
30.00	-70.00	0.00144	40.00	-70.00	0.00129
50.00	-70.00	0.00117	60.00	-70.00	0.00107
70.00	-70.00	0.00098	80.00	-70.00	0.00089
90.00	-70.00	0.00081	100.00	-70.00	0.00073
-100.00	-60.00	0.00071	-90.00	-60.00	0.00086
-80.00	-60.00	0.00102	-70.00	-60.00	0.00121
-60.00	-60.00	0.00141	-50.00	-60.00	0.00160
-40.00	-60.00	0.00179	-30.00	-60.00	0.00195
-25.00	-60.00	0.00201	-20.00	-60.00	0.00204
-17.00	-60.00	0.00205	-15.00	-60.00	0.00204
-13.00	-60.00	0.00203	-11.00	-60.00	0.00202
-9.00	-60.00	0.00200	9.00	-60.00	0.00168
11.00	-60.00	0.00164	13.00	-60.00	0.00160
15.00	-60.00	0.00155	17.00	-60.00	0.00151
20.00	-60.00	0.00145	25.00	-60.00	0.00135
30.00	-60.00	0.00127	40.00	-60.00	0.00114
50.00	-60.00	0.00103	60.00	-60.00	0.00095
70.00	-60.00	0.00088	80.00	-60.00	0.00081
90.00	-60.00	0.00075	100.00	-60.00	0.00068
-100.00	-50.00	0.00072	-90.00	-50.00	0.00085
-80.00	-50.00	0.00099	-70.00	-50.00	0.00115
-60.00	-50.00	0.00130	-50.00	-50.00	0.00145
-40.00	-50.00	0.00160	-30.00	-50.00	0.00171
-25.00	-50.00	0.00175	-20.00	-50.00	0.00176
-17.00	-50.00	0.00176	-15.00	-50.00	0.00175
-13.00	-50.00	0.00174	-11.00	-50.00	0.00173
-9.00	-50.00	0.00171	9.00	-50.00	0.00146
11.00	-50.00	0.00143	13.00	-50.00	0.00140
15.00	-50.00	0.00136	17.00	-50.00	0.00133
20.00	-50.00	0.00128	25.00	-50.00	0.00120

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
30.00	-50.00	0.00113	40.00	-50.00	0.00101	
50.00	-50.00	0.00092	60.00	-50.00	0.00085	
70.00	-50.00	0.00079	80.00	-50.00	0.00074	
90.00	-50.00	0.00068	100.00	-50.00	0.00063	
-100.00	-40.00	0.00071	-90.00	-40.00	0.00083	
-80.00	-40.00	0.00095	-70.00	-40.00	0.00107	
-60.00	-40.00	0.00120	-50.00	-40.00	0.00132	
-40.00	-40.00	0.00143	-30.00	-40.00	0.00151	
-25.00	-40.00	0.00153	-20.00	-40.00	0.00153	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00152	-15.00	-40.00	0.00152
-13.00	-40.00	0.00151	-11.00	-40.00	0.00149
-9.00	-40.00	0.00148	9.00	-40.00	0.00128
11.00	-40.00	0.00126	13.00	-40.00	0.00123
15.00	-40.00	0.00120	17.00	-40.00	0.00117
20.00	-40.00	0.00113	25.00	-40.00	0.00107
30.00	-40.00	0.00101	40.00	-40.00	0.00091
50.00	-40.00	0.00083	60.00	-40.00	0.00077
70.00	-40.00	0.00071	80.00	-40.00	0.00067
90.00	-40.00	0.00062	100.00	-40.00	0.00058
-100.00	-30.00	0.00070	-90.00	-30.00	0.00080
-80.00	-30.00	0.00090	-70.00	-30.00	0.00100
-60.00	-30.00	0.00110	-50.00	-30.00	0.00119
-40.00	-30.00	0.00128	-30.00	-30.00	0.00133
-25.00	-30.00	0.00134	-20.00	-30.00	0.00134
-17.00	-30.00	0.00133	-15.00	-30.00	0.00133
-13.00	-30.00	0.00132	-11.00	-30.00	0.00131
-9.00	-30.00	0.00129	9.00	-30.00	0.00113
11.00	-30.00	0.00111	13.00	-30.00	0.00109
15.00	-30.00	0.00107	17.00	-30.00	0.00104
20.00	-30.00	0.00101	25.00	-30.00	0.00096
30.00	-30.00	0.00091	40.00	-30.00	0.00082
50.00	-30.00	0.00075	60.00	-30.00	0.00069
70.00	-30.00	0.00065	80.00	-30.00	0.00061
90.00	-30.00	0.00057	100.00	-30.00	0.00054

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-20.00	0.00068	-90.00	-20.00	0.00076	
-80.00	-20.00	0.00084	-70.00	-20.00	0.00093	
-60.00	-20.00	0.00101	-50.00	-20.00	0.00108	
-40.00	-20.00	0.00115	-30.00	-20.00	0.00119	
-25.00	-20.00	0.00119	-20.00	-20.00	0.00118	
-17.00	-20.00	0.00118	-15.00	-20.00	0.00117	
-13.00	-20.00	0.00116	-11.00	-20.00	0.00115	
-9.00	-20.00	0.00114	9.00	-20.00	0.00101	
11.00	-20.00	0.00099	13.00	-20.00	0.00097	
15.00	-20.00	0.00095	17.00	-20.00	0.00094	
20.00	-20.00	0.00091	25.00	-20.00	0.00086	
30.00	-20.00	0.00082	40.00	-20.00	0.00074	
50.00	-20.00	0.00068	60.00	-20.00	0.00063	
70.00	-20.00	0.00059	80.00	-20.00	0.00055	
90.00	-20.00	0.00052	100.00	-20.00	0.00050	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00065	-90.00	-10.00	0.00072
-80.00	-10.00	0.00079	-70.00	-10.00	0.00086
-60.00	-10.00	0.00092	-50.00	-10.00	0.00099
-40.00	-10.00	0.00104	-30.00	-10.00	0.00106
-25.00	-10.00	0.00106	-20.00	-10.00	0.00105
-17.00	-10.00	0.00104	-15.00	-10.00	0.00104
-13.00	-10.00	0.00103	-11.00	-10.00	0.00102
-9.00	-10.00	0.00101	9.00	-10.00	0.00090
11.00	-10.00	0.00089	13.00	-10.00	0.00087
15.00	-10.00	0.00086	17.00	-10.00	0.00084
20.00	-10.00	0.00082	25.00	-10.00	0.00078
30.00	-10.00	0.00074	40.00	-10.00	0.00068
50.00	-10.00	0.00062	60.00	-10.00	0.00058
70.00	-10.00	0.00054	80.00	-10.00	0.00051
90.00	-10.00	0.00048	100.00	-10.00	0.00046
-100.00	0.00	0.00062	-90.00	0.00	0.00068
-80.00	0.00	0.00074	-70.00	0.00	0.00079
-60.00	0.00	0.00085	-50.00	0.00	0.00090
-40.00	0.00	0.00094	-30.00	0.00	0.00095

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-25.00	0.00	0.00095	-20.00	0.00	0.00094
-17.00	0.00	0.00093	-15.00	0.00	0.00093
-13.00	0.00	0.00092	-11.00	0.00	0.00091
-9.00	0.00	0.00091	9.00	0.00	0.00081
11.00	0.00	0.00080	13.00	0.00	0.00079
15.00	0.00	0.00078	17.00	0.00	0.00076
20.00	0.00	0.00074	25.00	0.00	0.00071
30.00	0.00	0.00068	40.00	0.00	0.00062
50.00	0.00	0.00057	60.00	0.00	0.00053
70.00	0.00	0.00050	80.00	0.00	0.00047
90.00	0.00	0.00044	100.00	0.00	0.00042
-100.00	10.00	0.00059	-90.00	10.00	0.00064
-80.00	10.00	0.00069	-70.00	10.00	0.00074
-60.00	10.00	0.00078	-50.00	10.00	0.00082
-40.00	10.00	0.00085	-30.00	10.00	0.00086
-25.00	10.00	0.00086	-20.00	10.00	0.00085
-17.00	10.00	0.00084	-15.00	10.00	0.00083
-13.00	10.00	0.00083	-11.00	10.00	0.00082
-9.00	10.00	0.00082	9.00	10.00	0.00074
11.00	10.00	0.00073	13.00	10.00	0.00072
15.00	10.00	0.00070	17.00	10.00	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00068	25.00	10.00	0.00065
30.00	10.00	0.00062	40.00	10.00	0.00057
50.00	10.00	0.00053	60.00	10.00	0.00049
70.00	10.00	0.00046	80.00	10.00	0.00043
90.00	10.00	0.00041	100.00	10.00	0.00039
-100.00	20.00	0.00056	-90.00	20.00	0.00060
-80.00	20.00	0.00064	-70.00	20.00	0.00069
-60.00	20.00	0.00072	-50.00	20.00	0.00076
-40.00	20.00	0.00078	-30.00	20.00	0.00078
-25.00	20.00	0.00077	-20.00	20.00	0.00077
-17.00	20.00	0.00076	-15.00	20.00	0.00075
-13.00	20.00	0.00075	-11.00	20.00	0.00074
-9.00	20.00	0.00074	9.00	20.00	0.00067

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

11.00	20.00	0.00066	13.00	20.00	0.00065
15.00	20.00	0.00064	17.00	20.00	0.00063
20.00	20.00	0.00062	25.00	20.00	0.00060
30.00	20.00	0.00057	40.00	20.00	0.00053
50.00	20.00	0.00049	60.00	20.00	0.00046
70.00	20.00	0.00043	80.00	20.00	0.00040
90.00	20.00	0.00038	100.00	20.00	0.00036
-100.00	30.00	0.00053	-90.00	30.00	0.00057
-80.00	30.00	0.00060	-70.00	30.00	0.00064
-60.00	30.00	0.00067	-50.00	30.00	0.00070
-40.00	30.00	0.00071	-30.00	30.00	0.00071
-25.00	30.00	0.00070	-20.00	30.00	0.00070
-17.00	30.00	0.00069	-15.00	30.00	0.00069
-13.00	30.00	0.00068	-11.00	30.00	0.00068
-9.00	30.00	0.00067	9.00	30.00	0.00061
11.00	30.00	0.00060	13.00	30.00	0.00060
15.00	30.00	0.00059	17.00	30.00	0.00058
20.00	30.00	0.00057	25.00	30.00	0.00055
30.00	30.00	0.00053	40.00	30.00	0.00049
50.00	30.00	0.00045	60.00	30.00	0.00042
70.00	30.00	0.00040	80.00	30.00	0.00038
90.00	30.00	0.00036	100.00	30.00	0.00034
-100.00	40.00	0.00050	-90.00	40.00	0.00053
-80.00	40.00	0.00056	-70.00	40.00	0.00059
-60.00	40.00	0.00062	-50.00	40.00	0.00064
-40.00	40.00	0.00065	-30.00	40.00	0.00065
-25.00	40.00	0.00064	-20.00	40.00	0.00064

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:47:46

*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
 PAGE 114

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00063	-15.00	40.00	0.00063
-13.00	40.00	0.00062	-11.00	40.00	0.00062
-9.00	40.00	0.00061	9.00	40.00	0.00056
11.00	40.00	0.00056	13.00	40.00	0.00055
15.00	40.00	0.00054	17.00	40.00	0.00053
20.00	40.00	0.00052	25.00	40.00	0.00051
30.00	40.00	0.00049	40.00	40.00	0.00045

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

50.00	40.00	0.00042	60.00	40.00	0.00039
70.00	40.00	0.00037	80.00	40.00	0.00035
90.00	40.00	0.00033	100.00	40.00	0.00032
-100.00	50.00	0.00047	-90.00	50.00	0.00050
-80.00	50.00	0.00053	-70.00	50.00	0.00055
-60.00	50.00	0.00058	-50.00	50.00	0.00059
-40.00	50.00	0.00060	-30.00	50.00	0.00059
-25.00	50.00	0.00059	-20.00	50.00	0.00058
-17.00	50.00	0.00058	-15.00	50.00	0.00057
-13.00	50.00	0.00057	-11.00	50.00	0.00057
-9.00	50.00	0.00056	9.00	50.00	0.00052
11.00	50.00	0.00051	13.00	50.00	0.00051
15.00	50.00	0.00050	17.00	50.00	0.00049
20.00	50.00	0.00048	25.00	50.00	0.00047
30.00	50.00	0.00045	40.00	50.00	0.00042
50.00	50.00	0.00039	60.00	50.00	0.00037
70.00	50.00	0.00035	80.00	50.00	0.00033
90.00	50.00	0.00031	100.00	50.00	0.00030
-100.00	60.00	0.00045	-90.00	60.00	0.00047
-80.00	60.00	0.00050	-70.00	60.00	0.00052
-60.00	60.00	0.00054	-50.00	60.00	0.00055
-40.00	60.00	0.00055	-30.00	60.00	0.00055
-25.00	60.00	0.00054	-20.00	60.00	0.00054
-17.00	60.00	0.00053	-15.00	60.00	0.00053
-13.00	60.00	0.00053	-11.00	60.00	0.00052
-9.00	60.00	0.00052	9.00	60.00	0.00048
11.00	60.00	0.00047	13.00	60.00	0.00047
15.00	60.00	0.00046	17.00	60.00	0.00046
20.00	60.00	0.00045	25.00	60.00	0.00044
30.00	60.00	0.00042	40.00	60.00	0.00039
50.00	60.00	0.00037	60.00	60.00	0.00035
70.00	60.00	0.00033	80.00	60.00	0.00031
90.00	60.00	0.00029	100.00	60.00	0.00028

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
 PAGE 115

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00042	-90.00	70.00	0.00045

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-80.00	70.00	0.00047	-70.00	70.00	0.00049
-60.00	70.00	0.00050	-50.00	70.00	0.00051
-40.00	70.00	0.00051	-30.00	70.00	0.00051
-25.00	70.00	0.00050	-20.00	70.00	0.00050
-17.00	70.00	0.00049	-15.00	70.00	0.00049
-13.00	70.00	0.00049	-11.00	70.00	0.00048
-9.00	70.00	0.00048	9.00	70.00	0.00044
11.00	70.00	0.00044	13.00	70.00	0.00043
15.00	70.00	0.00043	17.00	70.00	0.00043
20.00	70.00	0.00042	25.00	70.00	0.00041
30.00	70.00	0.00039	40.00	70.00	0.00037
50.00	70.00	0.00035	60.00	70.00	0.00033
70.00	70.00	0.00031	80.00	70.00	0.00029
90.00	70.00	0.00028	100.00	70.00	0.00026
-100.00	80.00	0.00040	-90.00	80.00	0.00042
-80.00	80.00	0.00044	-70.00	80.00	0.00046
-60.00	80.00	0.00047	-50.00	80.00	0.00047
-40.00	80.00	0.00047	-30.00	80.00	0.00047
-25.00	80.00	0.00046	-20.00	80.00	0.00046
-17.00	80.00	0.00046	-15.00	80.00	0.00045
-13.00	80.00	0.00045	-11.00	80.00	0.00045
-9.00	80.00	0.00044	9.00	80.00	0.00041
11.00	80.00	0.00041	13.00	80.00	0.00040
15.00	80.00	0.00040	17.00	80.00	0.00040
20.00	80.00	0.00039	25.00	80.00	0.00038
30.00	80.00	0.00037	40.00	80.00	0.00035
50.00	80.00	0.00033	60.00	80.00	0.00031
70.00	80.00	0.00029	80.00	80.00	0.00027
90.00	80.00	0.00026	100.00	80.00	0.00025
-100.00	90.00	0.00038	-90.00	90.00	0.00040
-80.00	90.00	0.00041	-70.00	90.00	0.00043
-60.00	90.00	0.00044	-50.00	90.00	0.00044
-40.00	90.00	0.00044	-30.00	90.00	0.00044
-25.00	90.00	0.00043	-20.00	90.00	0.00043
-17.00	90.00	0.00042	-15.00	90.00	0.00042
-13.00	90.00	0.00042	-11.00	90.00	0.00042
-9.00	90.00	0.00041	9.00	90.00	0.00038
11.00	90.00	0.00038	13.00	90.00	0.00038
15.00	90.00	0.00037	17.00	90.00	0.00037

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 116

CONC URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER IN MICROGRAMS/M**3				
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	90.00	0.00036	25.00	90.00	0.00035	
30.00	90.00	0.00035	40.00	90.00	0.00033	
50.00	90.00	0.00031	60.00	90.00	0.00029	
70.00	90.00	0.00027	80.00	90.00	0.00026	
90.00	90.00	0.00025	100.00	90.00	0.00024	
-100.00	100.00	0.00036	-90.00	100.00	0.00038	
-80.00	100.00	0.00039	-70.00	100.00	0.00040	
-60.00	100.00	0.00041	-50.00	100.00	0.00041	
-40.00	100.00	0.00041	-30.00	100.00	0.00041	
-25.00	100.00	0.00040	-20.00	100.00	0.00040	
-17.00	100.00	0.00039	-15.00	100.00	0.00039	
-13.00	100.00	0.00039	-11.00	100.00	0.00039	
-9.00	100.00	0.00039	9.00	100.00	0.00036	
11.00	100.00	0.00036	13.00	100.00	0.00035	
15.00	100.00	0.00035	17.00	100.00	0.00035	
20.00	100.00	0.00034	25.00	100.00	0.00033	
30.00	100.00	0.00032	40.00	100.00	0.00031	
50.00	100.00	0.00029	60.00	100.00	0.00027	
70.00	100.00	0.00026	80.00	100.00	0.00025	
90.00	100.00	0.00023	100.00	100.00	0.00022	
-100.00	110.00	0.00034	-90.00	110.00	0.00036	
-80.00	110.00	0.00037	-70.00	110.00	0.00038	
-60.00	110.00	0.00038	-50.00	110.00	0.00039	
-40.00	110.00	0.00038	-30.00	110.00	0.00038	
-25.00	110.00	0.00038	-20.00	110.00	0.00037	
-17.00	110.00	0.00037	-15.00	110.00	0.00037	
-13.00	110.00	0.00036	-11.00	110.00	0.00036	
-9.00	110.00	0.00036	9.00	110.00	0.00034	
11.00	110.00	0.00033	13.00	110.00	0.00033	
15.00	110.00	0.00033	17.00	110.00	0.00033	
20.00	110.00	0.00032	25.00	110.00	0.00031	
30.00	110.00	0.00031	40.00	110.00	0.00029	
50.00	110.00	0.00027	60.00	110.00	0.00026	
70.00	110.00	0.00025	80.00	110.00	0.00023	
90.00	110.00	0.00022	100.00	110.00	0.00021	
-100.00	120.00	0.00033	-90.00	120.00	0.00034	
-80.00	120.00	0.00035	-70.00	120.00	0.00036	
-60.00	120.00	0.00036	-50.00	120.00	0.00036	
-40.00	120.00	0.00036	-30.00	120.00	0.00036	

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound
 -25.00 120.00 0.00035 -20.00 120.00 0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 117
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00035	-15.00	120.00	0.00034
-13.00	120.00	0.00034	-11.00	120.00	0.00034
-9.00	120.00	0.00034	9.00	120.00	0.00032
11.00	120.00	0.00031	13.00	120.00	0.00031
15.00	120.00	0.00031	17.00	120.00	0.00031
20.00	120.00	0.00030	25.00	120.00	0.00030
30.00	120.00	0.00029	40.00	120.00	0.00027
50.00	120.00	0.00026	60.00	120.00	0.00025
70.00	120.00	0.00023	80.00	120.00	0.00022
90.00	120.00	0.00021	100.00	120.00	0.00020
-100.00	130.00	0.00031	-90.00	130.00	0.00032
-80.00	130.00	0.00033	-70.00	130.00	0.00034
-60.00	130.00	0.00034	-50.00	130.00	0.00034
-40.00	130.00	0.00034	-30.00	130.00	0.00033
-25.00	130.00	0.00033	-20.00	130.00	0.00033
-17.00	130.00	0.00032	-15.00	130.00	0.00032
-13.00	130.00	0.00032	-11.00	130.00	0.00032
-9.00	130.00	0.00032	9.00	130.00	0.00030
11.00	130.00	0.00030	13.00	130.00	0.00029
15.00	130.00	0.00029	17.00	130.00	0.00029
20.00	130.00	0.00028	25.00	130.00	0.00028
30.00	130.00	0.00027	40.00	130.00	0.00026
50.00	130.00	0.00025	60.00	130.00	0.00023
70.00	130.00	0.00022	80.00	130.00	0.00021
90.00	130.00	0.00020	100.00	130.00	0.00019
-100.00	140.00	0.00030	-90.00	140.00	0.00031
-80.00	140.00	0.00031	-70.00	140.00	0.00032
-60.00	140.00	0.00032	-50.00	140.00	0.00032
-40.00	140.00	0.00032	-30.00	140.00	0.00031
-25.00	140.00	0.00031	-20.00	140.00	0.00031
-17.00	140.00	0.00031	-15.00	140.00	0.00030
-13.00	140.00	0.00030	-11.00	140.00	0.00030
-9.00	140.00	0.00030	9.00	140.00	0.00028

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
11.00	140.00	0.00028	13.00	140.00	0.00028	
15.00	140.00	0.00027	17.00	140.00	0.00027	
20.00	140.00	0.00027	25.00	140.00	0.00026	
30.00	140.00	0.00026	40.00	140.00	0.00025	
50.00	140.00	0.00023	60.00	140.00	0.00022	
70.00	140.00	0.00021	80.00	140.00	0.00020	
90.00	140.00	0.00019	100.00	140.00	0.00018	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
 18:47:46
 MODELOPTs: * Maximum train overlap at North/South Bound Direction ***
 PAGE 118
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	150.00	0.00028	-90.00	150.00	0.00029	
-80.00	150.00	0.00030	-70.00	150.00	0.00030	
-60.00	150.00	0.00030	-50.00	150.00	0.00030	
-40.00	150.00	0.00030	-30.00	150.00	0.00030	
-25.00	150.00	0.00029	-20.00	150.00	0.00029	
-17.00	150.00	0.00029	-15.00	150.00	0.00029	
-13.00	150.00	0.00028	-11.00	150.00	0.00028	
-9.00	150.00	0.00028	9.00	150.00	0.00027	
11.00	150.00	0.00026	13.00	150.00	0.00026	
15.00	150.00	0.00026	17.00	150.00	0.00026	
20.00	150.00	0.00025	25.00	150.00	0.00025	
30.00	150.00	0.00024	40.00	150.00	0.00023	
50.00	150.00	0.00022	60.00	150.00	0.00021	
70.00	150.00	0.00020	80.00	150.00	0.00019	
90.00	150.00	0.00018	100.00	150.00	0.00018	
-100.00	160.00	0.00027	-90.00	160.00	0.00028	
-80.00	160.00	0.00028	-70.00	160.00	0.00029	
-60.00	160.00	0.00029	-50.00	160.00	0.00029	
-40.00	160.00	0.00028	-30.00	160.00	0.00028	
-25.00	160.00	0.00028	-20.00	160.00	0.00027	
-17.00	160.00	0.00027	-15.00	160.00	0.00027	
-13.00	160.00	0.00027	-11.00	160.00	0.00027	
-9.00	160.00	0.00027	9.00	160.00	0.00025	
11.00	160.00	0.00025	13.00	160.00	0.00025	
15.00	160.00	0.00025	17.00	160.00	0.00024	
20.00	160.00	0.00024	25.00	160.00	0.00024	
30.00	160.00	0.00023	40.00	160.00	0.00022	

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
50.00	160.00	0.00021	60.00	160.00	0.00020	
70.00	160.00	0.00019	80.00	160.00	0.00018	
90.00	160.00	0.00018	100.00	160.00	0.00017	
-100.00	170.00	0.00026	-90.00	170.00	0.00026	
-80.00	170.00	0.00027	-70.00	170.00	0.00027	
-60.00	170.00	0.00027	-50.00	170.00	0.00027	
-40.00	170.00	0.00027	-30.00	170.00	0.00026	
-25.00	170.00	0.00026	-20.00	170.00	0.00026	
-17.00	170.00	0.00026	-15.00	170.00	0.00026	
-13.00	170.00	0.00025	-11.00	170.00	0.00025	
-9.00	170.00	0.00025	9.00	170.00	0.00024	
11.00	170.00	0.00024	13.00	170.00	0.00024	
15.00	170.00	0.00023	17.00	170.00	0.00023	

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 119
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	170.00	0.00023	25.00	170.00	0.00022	
30.00	170.00	0.00022	40.00	170.00	0.00021	
50.00	170.00	0.00020	60.00	170.00	0.00019	
70.00	170.00	0.00018	80.00	170.00	0.00018	
90.00	170.00	0.00017	100.00	170.00	0.00016	
-100.00	180.00	0.00025	-90.00	180.00	0.00025	
-80.00	180.00	0.00026	-70.00	180.00	0.00026	
-60.00	180.00	0.00026	-50.00	180.00	0.00026	
-40.00	180.00	0.00025	-30.00	180.00	0.00025	
-25.00	180.00	0.00025	-20.00	180.00	0.00025	
-17.00	180.00	0.00024	-15.00	180.00	0.00024	
-13.00	180.00	0.00024	-11.00	180.00	0.00024	
-9.00	180.00	0.00024	9.00	180.00	0.00023	
11.00	180.00	0.00022	13.00	180.00	0.00022	
15.00	180.00	0.00022	17.00	180.00	0.00022	
20.00	180.00	0.00022	25.00	180.00	0.00021	
30.00	180.00	0.00021	40.00	180.00	0.00020	
50.00	180.00	0.00019	60.00	180.00	0.00018	
70.00	180.00	0.00018	80.00	180.00	0.00017	
90.00	180.00	0.00016	100.00	180.00	0.00016	
-100.00	190.00	0.00024	-90.00	190.00	0.00024	

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
-80.00	190.00	0.00024	-70.00	190.00	0.00025
-60.00	190.00	0.00025	-50.00	190.00	0.00024
-40.00	190.00	0.00024	-30.00	190.00	0.00024
-25.00	190.00	0.00024	-20.00	190.00	0.00023
-17.00	190.00	0.00023	-15.00	190.00	0.00023
-13.00	190.00	0.00023	-11.00	190.00	0.00023
-9.00	190.00	0.00023	9.00	190.00	0.00022
11.00	190.00	0.00021	13.00	190.00	0.00021
15.00	190.00	0.00021	17.00	190.00	0.00021
20.00	190.00	0.00021	25.00	190.00	0.00020
30.00	190.00	0.00020	40.00	190.00	0.00019
50.00	190.00	0.00018	60.00	190.00	0.00018
70.00	190.00	0.00017	80.00	190.00	0.00016
90.00	190.00	0.00015	100.00	190.00	0.00015
-100.00	200.00	0.00023	-90.00	200.00	0.00023
-80.00	200.00	0.00023	-70.00	200.00	0.00023
-60.00	200.00	0.00023	-50.00	200.00	0.00023
-40.00	200.00	0.00023	-30.00	200.00	0.00023
-25.00	200.00	0.00022	-20.00	200.00	0.00022

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTS:
 PAGE 120
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00022	-15.00	200.00	0.00022
-13.00	200.00	0.00022	-11.00	200.00	0.00022
-9.00	200.00	0.00022	9.00	200.00	0.00021
11.00	200.00	0.00020	13.00	200.00	0.00020
15.00	200.00	0.00020	17.00	200.00	0.00020
20.00	200.00	0.00020	25.00	200.00	0.00019
30.00	200.00	0.00019	40.00	200.00	0.00018
50.00	200.00	0.00018	60.00	200.00	0.00017
70.00	200.00	0.00016	80.00	200.00	0.00015
90.00	200.00	0.00015	100.00	200.00	0.00014
-100.00	210.00	0.00022	-90.00	210.00	0.00022
-80.00	210.00	0.00022	-70.00	210.00	0.00022
-60.00	210.00	0.00022	-50.00	210.00	0.00022
-40.00	210.00	0.00022	-30.00	210.00	0.00021
-25.00	210.00	0.00021	-20.00	210.00	0.00021

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-17.00	210.00	0.00021	-15.00	210.00	0.00021	
-13.00	210.00	0.00021	-11.00	210.00	0.00021	
-9.00	210.00	0.00021	9.00	210.00	0.00020	
11.00	210.00	0.00019	13.00	210.00	0.00019	
15.00	210.00	0.00019	17.00	210.00	0.00019	
20.00	210.00	0.00019	25.00	210.00	0.00019	
30.00	210.00	0.00018	40.00	210.00	0.00018	
50.00	210.00	0.00017	60.00	210.00	0.00016	
70.00	210.00	0.00016	80.00	210.00	0.00015	
90.00	210.00	0.00014	100.00	210.00	0.00014	
-100.00	220.00	0.00021	-90.00	220.00	0.00021	
-80.00	220.00	0.00021	-70.00	220.00	0.00021	
-60.00	220.00	0.00021	-50.00	220.00	0.00021	
-40.00	220.00	0.00021	-30.00	220.00	0.00020	
-25.00	220.00	0.00020	-20.00	220.00	0.00020	
-17.00	220.00	0.00020	-15.00	220.00	0.00020	
-13.00	220.00	0.00020	-11.00	220.00	0.00020	
-9.00	220.00	0.00020	9.00	220.00	0.00019	
11.00	220.00	0.00019	13.00	220.00	0.00018	
15.00	220.00	0.00018	17.00	220.00	0.00018	
20.00	220.00	0.00018	25.00	220.00	0.00018	
30.00	220.00	0.00017	40.00	220.00	0.00017	
50.00	220.00	0.00016	60.00	220.00	0.00016	
70.00	220.00	0.00015	80.00	220.00	0.00014	
90.00	220.00	0.00014	100.00	220.00	0.00013	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00020	-90.00	230.00	0.00020
-80.00	230.00	0.00020	-70.00	230.00	0.00020
-60.00	230.00	0.00020	-50.00	230.00	0.00020
-40.00	230.00	0.00020	-30.00	230.00	0.00020
-25.00	230.00	0.00019	-20.00	230.00	0.00019
-17.00	230.00	0.00019	-15.00	230.00	0.00019
-13.00	230.00	0.00019	-11.00	230.00	0.00019
-9.00	230.00	0.00019	9.00	230.00	0.00018
11.00	230.00	0.00018	13.00	230.00	0.00018

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

15.00	230.00	0.00018	17.00	230.00	0.00017
20.00	230.00	0.00017	25.00	230.00	0.00017
30.00	230.00	0.00017	40.00	230.00	0.00016
50.00	230.00	0.00016	60.00	230.00	0.00015
70.00	230.00	0.00014	80.00	230.00	0.00014
90.00	230.00	0.00013	100.00	230.00	0.00013
-100.00	240.00	0.00019	-90.00	240.00	0.00019
-80.00	240.00	0.00019	-70.00	240.00	0.00019
-60.00	240.00	0.00019	-50.00	240.00	0.00019
-40.00	240.00	0.00019	-30.00	240.00	0.00019
-25.00	240.00	0.00018	-20.00	240.00	0.00018
-17.00	240.00	0.00018	-15.00	240.00	0.00018
-13.00	240.00	0.00018	-11.00	240.00	0.00018
-9.00	240.00	0.00018	9.00	240.00	0.00017
11.00	240.00	0.00017	13.00	240.00	0.00017
15.00	240.00	0.00017	17.00	240.00	0.00017
20.00	240.00	0.00017	25.00	240.00	0.00016
30.00	240.00	0.00016	40.00	240.00	0.00015
50.00	240.00	0.00015	60.00	240.00	0.00014
70.00	240.00	0.00014	80.00	240.00	0.00013
90.00	240.00	0.00013	100.00	240.00	0.00012
-100.00	250.00	0.00018	-90.00	250.00	0.00019
-80.00	250.00	0.00019	-70.00	250.00	0.00019
-60.00	250.00	0.00018	-50.00	250.00	0.00018
-40.00	250.00	0.00018	-30.00	250.00	0.00018
-25.00	250.00	0.00018	-20.00	250.00	0.00017
-17.00	250.00	0.00017	-15.00	250.00	0.00017
-13.00	250.00	0.00017	-11.00	250.00	0.00017
-9.00	250.00	0.00017	9.00	250.00	0.00016
11.00	250.00	0.00016	13.00	250.00	0.00016
15.00	250.00	0.00016	17.00	250.00	0.00016

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTS:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00016	25.00	250.00	0.00016
30.00	250.00	0.00015	40.00	250.00	0.00015
50.00	250.00	0.00014	60.00	250.00	0.00014

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound
 70.00 250.00 0.00013 80.00 250.00 0.00013
 90.00 250.00 0.00012 100.00 250.00 0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00043	-90.00	-250.00	0.00047
-80.00	-250.00	0.00052	-70.00	-250.00	0.00057
-60.00	-250.00	0.00064	-50.00	-250.00	0.00071
-40.00	-250.00	0.00081	-30.00	-250.00	0.00093
-25.00	-250.00	0.00099	-20.00	-250.00	0.00107
-17.00	-250.00	0.00112	-15.00	-250.00	0.00116
-13.00	-250.00	0.00120	-11.00	-250.00	0.00125
-9.00	-250.00	0.00131	9.00	-250.00	0.00230
11.00	-250.00	0.00239	13.00	-250.00	0.00247
15.00	-250.00	0.00254	17.00	-250.00	0.00261
20.00	-250.00	0.00268	25.00	-250.00	0.00275
30.00	-250.00	0.00277	40.00	-250.00	0.00270
50.00	-250.00	0.00255	60.00	-250.00	0.00238
70.00	-250.00	0.00222	80.00	-250.00	0.00206
90.00	-250.00	0.00191	100.00	-250.00	0.00178
-100.00	-240.00	0.00046	-90.00	-240.00	0.00050
-80.00	-240.00	0.00055	-70.00	-240.00	0.00061
-60.00	-240.00	0.00069	-50.00	-240.00	0.00077
-40.00	-240.00	0.00088	-30.00	-240.00	0.00101
-25.00	-240.00	0.00110	-20.00	-240.00	0.00119
-17.00	-240.00	0.00126	-15.00	-240.00	0.00131
-13.00	-240.00	0.00137	-11.00	-240.00	0.00143
-9.00	-240.00	0.00150	9.00	-240.00	0.00294
11.00	-240.00	0.00306	13.00	-240.00	0.00315
15.00	-240.00	0.00322	17.00	-240.00	0.00327
20.00	-240.00	0.00331	25.00	-240.00	0.00332
30.00	-240.00	0.00326	40.00	-240.00	0.00308
50.00	-240.00	0.00285	60.00	-240.00	0.00263
70.00	-240.00	0.00242	80.00	-240.00	0.00222
90.00	-240.00	0.00205	100.00	-240.00	0.00189
-100.00	-230.00	0.00048	-90.00	-230.00	0.00053
-80.00	-230.00	0.00059	-70.00	-230.00	0.00066

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
-60.00	-230.00	0.00074	-50.00	-230.00	0.00084
-40.00	-230.00	0.00096	-30.00	-230.00	0.00111
-25.00	-230.00	0.00121	-20.00	-230.00	0.00132
-17.00	-230.00	0.00140	-15.00	-230.00	0.00147
-13.00	-230.00	0.00154	-11.00	-230.00	0.00162
-9.00	-230.00	0.00173	9.00	-230.00	0.00396
11.00	-230.00	0.00402	13.00	-230.00	0.00404
15.00	-230.00	0.00404	17.00	-230.00	0.00403

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00399	25.00	-230.00	0.00389
30.00	-230.00	0.00376	40.00	-230.00	0.00346
50.00	-230.00	0.00316	60.00	-230.00	0.00287
70.00	-230.00	0.00261	80.00	-230.00	0.00238
90.00	-230.00	0.00218	100.00	-230.00	0.00200
-100.00	-220.00	0.00050	-90.00	-220.00	0.00056
-80.00	-220.00	0.00062	-70.00	-220.00	0.00070
-60.00	-220.00	0.00079	-50.00	-220.00	0.00090
-40.00	-220.00	0.00104	-30.00	-220.00	0.00122
-25.00	-220.00	0.00133	-20.00	-220.00	0.00147
-17.00	-220.00	0.00157	-15.00	-220.00	0.00165
-13.00	-220.00	0.00175	-11.00	-220.00	0.00188
-9.00	-220.00	0.00207	9.00	-220.00	0.00522
11.00	-220.00	0.00507	13.00	-220.00	0.00495
15.00	-220.00	0.00486	17.00	-220.00	0.00477
20.00	-220.00	0.00464	25.00	-220.00	0.00443
30.00	-220.00	0.00422	40.00	-220.00	0.00382
50.00	-220.00	0.00343	60.00	-220.00	0.00309
70.00	-220.00	0.00279	80.00	-220.00	0.00252
90.00	-220.00	0.00230	100.00	-220.00	0.00210
-100.00	-210.00	0.00053	-90.00	-210.00	0.00059
-80.00	-210.00	0.00066	-70.00	-210.00	0.00074
-60.00	-210.00	0.00085	-50.00	-210.00	0.00098
-40.00	-210.00	0.00114	-30.00	-210.00	0.00138
-25.00	-210.00	0.00154	-20.00	-210.00	0.00178
-17.00	-210.00	0.00200	-15.00	-210.00	0.00221

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound					
-13.00	-210.00	0.00249	-11.00	-210.00	0.00286
-9.00	-210.00	0.00339	9.00	-210.00	0.00665
11.00	-210.00	0.00633	13.00	-210.00	0.00607
15.00	-210.00	0.00585	17.00	-210.00	0.00566
20.00	-210.00	0.00540	25.00	-210.00	0.00503
30.00	-210.00	0.00472	40.00	-210.00	0.00418
50.00	-210.00	0.00371	60.00	-210.00	0.00331
70.00	-210.00	0.00297	80.00	-210.00	0.00267
90.00	-210.00	0.00242	100.00	-210.00	0.00220
-100.00	-200.00	0.00055	-90.00	-200.00	0.00062
-80.00	-200.00	0.00070	-70.00	-200.00	0.00080
-60.00	-200.00	0.00092	-50.00	-200.00	0.00108
-40.00	-200.00	0.00131	-30.00	-200.00	0.00168
-25.00	-200.00	0.00199	-20.00	-200.00	0.00248

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00291	-15.00	-200.00	0.00327
-13.00	-200.00	0.00371	-11.00	-200.00	0.00425
-9.00	-200.00	0.00492	9.00	-200.00	0.00776
11.00	-200.00	0.00736	13.00	-200.00	0.00705
15.00	-200.00	0.00677	17.00	-200.00	0.00652
20.00	-200.00	0.00618	25.00	-200.00	0.00569
30.00	-200.00	0.00527	40.00	-200.00	0.00457
50.00	-200.00	0.00400	60.00	-200.00	0.00354
70.00	-200.00	0.00314	80.00	-200.00	0.00282
90.00	-200.00	0.00254	100.00	-200.00	0.00230
-100.00	-190.00	0.00059	-90.00	-190.00	0.00066
-80.00	-190.00	0.00075	-70.00	-190.00	0.00087
-60.00	-190.00	0.00102	-50.00	-190.00	0.00123
-40.00	-190.00	0.00156	-30.00	-190.00	0.00215
-25.00	-190.00	0.00264	-20.00	-190.00	0.00334
-17.00	-190.00	0.00389	-15.00	-190.00	0.00433
-13.00	-190.00	0.00484	-11.00	-190.00	0.00544
-9.00	-190.00	0.00616	9.00	-190.00	0.00862
11.00	-190.00	0.00817	13.00	-190.00	0.00781
15.00	-190.00	0.00749	17.00	-190.00	0.00721

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
20.00	-190.00	0.00683	25.00	-190.00	0.00628	
30.00	-190.00	0.00579	40.00	-190.00	0.00496	
50.00	-190.00	0.00430	60.00	-190.00	0.00376	
70.00	-190.00	0.00332	80.00	-190.00	0.00296	
90.00	-190.00	0.00266	100.00	-190.00	0.00240	
-100.00	-180.00	0.00063	-90.00	-180.00	0.00071	
-80.00	-180.00	0.00082	-70.00	-180.00	0.00096	
-60.00	-180.00	0.00115	-50.00	-180.00	0.00143	
-40.00	-180.00	0.00189	-30.00	-180.00	0.00269	
-25.00	-180.00	0.00331	-20.00	-180.00	0.00412	
-17.00	-180.00	0.00474	-15.00	-180.00	0.00521	
-13.00	-180.00	0.00576	-11.00	-180.00	0.00639	
-9.00	-180.00	0.00713	9.00	-180.00	0.00932	
11.00	-180.00	0.00882	13.00	-180.00	0.00842	
15.00	-180.00	0.00807	17.00	-180.00	0.00776	
20.00	-180.00	0.00735	25.00	-180.00	0.00675	
30.00	-180.00	0.00623	40.00	-180.00	0.00533	
50.00	-180.00	0.00459	60.00	-180.00	0.00399	
70.00	-180.00	0.00351	80.00	-180.00	0.00311	
90.00	-180.00	0.00278	100.00	-180.00	0.00250	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00067	-90.00	-170.00	0.00077
-80.00	-170.00	0.00090	-70.00	-170.00	0.00107
-60.00	-170.00	0.00131	-50.00	-170.00	0.00168
-40.00	-170.00	0.00226	-30.00	-170.00	0.00322
-25.00	-170.00	0.00391	-20.00	-170.00	0.00479
-17.00	-170.00	0.00544	-15.00	-170.00	0.00594
-13.00	-170.00	0.00650	-11.00	-170.00	0.00714
-9.00	-170.00	0.00789	9.00	-170.00	0.00988
11.00	-170.00	0.00934	13.00	-170.00	0.00892
15.00	-170.00	0.00854	17.00	-170.00	0.00821
20.00	-170.00	0.00777	25.00	-170.00	0.00714
30.00	-170.00	0.00659	40.00	-170.00	0.00564
50.00	-170.00	0.00485	60.00	-170.00	0.00421
70.00	-170.00	0.00368	80.00	-170.00	0.00325

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00289	100.00	-170.00	0.00260
-100.00	-160.00	0.00072	-90.00	-160.00	0.00084
-80.00	-160.00	0.00099	-70.00	-160.00	0.00119
-60.00	-160.00	0.00149	-50.00	-160.00	0.00194
-40.00	-160.00	0.00263	-30.00	-160.00	0.00369
-25.00	-160.00	0.00442	-20.00	-160.00	0.00534
-17.00	-160.00	0.00602	-15.00	-160.00	0.00653
-13.00	-160.00	0.00710	-11.00	-160.00	0.00774
-9.00	-160.00	0.00849	9.00	-160.00	0.01034
11.00	-160.00	0.00977	13.00	-160.00	0.00933
15.00	-160.00	0.00894	17.00	-160.00	0.00859
20.00	-160.00	0.00813	25.00	-160.00	0.00746
30.00	-160.00	0.00689	40.00	-160.00	0.00590
50.00	-160.00	0.00509	60.00	-160.00	0.00441
70.00	-160.00	0.00385	80.00	-160.00	0.00339
90.00	-160.00	0.00301	100.00	-160.00	0.00269
-100.00	-150.00	0.00078	-90.00	-150.00	0.00091
-80.00	-150.00	0.00109	-70.00	-150.00	0.00134
-60.00	-150.00	0.00169	-50.00	-150.00	0.00221
-40.00	-150.00	0.00297	-30.00	-150.00	0.00409
-25.00	-150.00	0.00485	-20.00	-150.00	0.00581
-17.00	-150.00	0.00649	-15.00	-150.00	0.00701
-13.00	-150.00	0.00758	-11.00	-150.00	0.00822
-9.00	-150.00	0.00897	9.00	-150.00	0.01073
11.00	-150.00	0.01014	13.00	-150.00	0.00966
15.00	-150.00	0.00927	17.00	-150.00	0.00891

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 127
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00843	25.00	-150.00	0.00773
30.00	-150.00	0.00713	40.00	-150.00	0.00612
50.00	-150.00	0.00528	60.00	-150.00	0.00458
70.00	-150.00	0.00400	80.00	-150.00	0.00352
90.00	-150.00	0.00312	100.00	-150.00	0.00279
-100.00	-140.00	0.00084	-90.00	-140.00	0.00100
-80.00	-140.00	0.00120	-70.00	-140.00	0.00149
-60.00	-140.00	0.00189	-50.00	-140.00	0.00246

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00327	-30.00	-140.00	0.00444
-25.00	-140.00	0.00522	-20.00	-140.00	0.00620
-17.00	-140.00	0.00689	-15.00	-140.00	0.00740
-13.00	-140.00	0.00797	-11.00	-140.00	0.00861
-9.00	-140.00	0.00936	9.00	-140.00	0.01106
11.00	-140.00	0.01045	13.00	-140.00	0.00995
15.00	-140.00	0.00954	17.00	-140.00	0.00917
20.00	-140.00	0.00868	25.00	-140.00	0.00797
30.00	-140.00	0.00734	40.00	-140.00	0.00631
50.00	-140.00	0.00545	60.00	-140.00	0.00474
70.00	-140.00	0.00414	80.00	-140.00	0.00364
90.00	-140.00	0.00322	100.00	-140.00	0.00288
-100.00	-130.00	0.00091	-90.00	-130.00	0.00109
-80.00	-130.00	0.00132	-70.00	-130.00	0.00164
-60.00	-130.00	0.00208	-50.00	-130.00	0.00269
-40.00	-130.00	0.00353	-30.00	-130.00	0.00474
-25.00	-130.00	0.00554	-20.00	-130.00	0.00652
-17.00	-130.00	0.00721	-15.00	-130.00	0.00772
-13.00	-130.00	0.00830	-11.00	-130.00	0.00894
-9.00	-130.00	0.00968	9.00	-130.00	0.01129
11.00	-130.00	0.01070	13.00	-130.00	0.01021
15.00	-130.00	0.00978	17.00	-130.00	0.00941
20.00	-130.00	0.00890	25.00	-130.00	0.00816
30.00	-130.00	0.00753	40.00	-130.00	0.00647
50.00	-130.00	0.00560	60.00	-130.00	0.00487
70.00	-130.00	0.00426	80.00	-130.00	0.00375
90.00	-130.00	0.00332	100.00	-130.00	0.00296
-100.00	-120.00	0.00099	-90.00	-120.00	0.00118
-80.00	-120.00	0.00144	-70.00	-120.00	0.00179
-60.00	-120.00	0.00226	-50.00	-120.00	0.00290
-40.00	-120.00	0.00377	-30.00	-120.00	0.00500
-25.00	-120.00	0.00581	-20.00	-120.00	0.00679

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00749	-15.00	-120.00	0.00801
-13.00	-120.00	0.00857	-11.00	-120.00	0.00922

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-9.00	-120.00	0.00995	9.00	-120.00	0.01148
11.00	-120.00	0.01090	13.00	-120.00	0.01041
15.00	-120.00	0.00998	17.00	-120.00	0.00960
20.00	-120.00	0.00908	25.00	-120.00	0.00834
30.00	-120.00	0.00769	40.00	-120.00	0.00661
50.00	-120.00	0.00572	60.00	-120.00	0.00498
70.00	-120.00	0.00436	80.00	-120.00	0.00384
90.00	-120.00	0.00340	100.00	-120.00	0.00304
-100.00	-110.00	0.00107	-90.00	-110.00	0.00128
-80.00	-110.00	0.00156	-70.00	-110.00	0.00193
-60.00	-110.00	0.00242	-50.00	-110.00	0.00308
-40.00	-110.00	0.00398	-30.00	-110.00	0.00523
-25.00	-110.00	0.00604	-20.00	-110.00	0.00703
-17.00	-110.00	0.00772	-15.00	-110.00	0.00824
-13.00	-110.00	0.00880	-11.00	-110.00	0.00944
-9.00	-110.00	0.01017	9.00	-110.00	0.01166
11.00	-110.00	0.01107	13.00	-110.00	0.01058
15.00	-110.00	0.01015	17.00	-110.00	0.00976
20.00	-110.00	0.00924	25.00	-110.00	0.00849
30.00	-110.00	0.00783	40.00	-110.00	0.00674
50.00	-110.00	0.00583	60.00	-110.00	0.00508
70.00	-110.00	0.00445	80.00	-110.00	0.00393
90.00	-110.00	0.00348	100.00	-110.00	0.00311
-100.00	-100.00	0.00115	-90.00	-100.00	0.00138
-80.00	-100.00	0.00168	-70.00	-100.00	0.00207
-60.00	-100.00	0.00257	-50.00	-100.00	0.00325
-40.00	-100.00	0.00416	-30.00	-100.00	0.00542
-25.00	-100.00	0.00624	-20.00	-100.00	0.00722
-17.00	-100.00	0.00792	-15.00	-100.00	0.00843
-13.00	-100.00	0.00900	-11.00	-100.00	0.00963
-9.00	-100.00	0.01036	9.00	-100.00	0.01183
11.00	-100.00	0.01123	13.00	-100.00	0.01073
15.00	-100.00	0.01030	17.00	-100.00	0.00991
20.00	-100.00	0.00938	25.00	-100.00	0.00862
30.00	-100.00	0.00796	40.00	-100.00	0.00684
50.00	-100.00	0.00593	60.00	-100.00	0.00517
70.00	-100.00	0.00453	80.00	-100.00	0.00400
90.00	-100.00	0.00355	100.00	-100.00	0.00317

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
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 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-90.00	0.00123	-90.00	-90.00	0.00147	
-80.00	-90.00	0.00179	-70.00	-90.00	0.00219	
-60.00	-90.00	0.00271	-50.00	-90.00	0.00340	
-40.00	-90.00	0.00432	-30.00	-90.00	0.00559	
-25.00	-90.00	0.00641	-20.00	-90.00	0.00740	
-17.00	-90.00	0.00808	-15.00	-90.00	0.00860	
-13.00	-90.00	0.00916	-11.00	-90.00	0.00979	
-9.00	-90.00	0.01052	9.00	-90.00	0.01197	
11.00	-90.00	0.01137	13.00	-90.00	0.01087	
15.00	-90.00	0.01043	17.00	-90.00	0.01003	
20.00	-90.00	0.00950	25.00	-90.00	0.00873	
30.00	-90.00	0.00806	40.00	-90.00	0.00694	
50.00	-90.00	0.00601	60.00	-90.00	0.00525	
70.00	-90.00	0.00460	80.00	-90.00	0.00406	
90.00	-90.00	0.00361	100.00	-90.00	0.00322	
-100.00	-80.00	0.00131	-90.00	-80.00	0.00156	
-80.00	-80.00	0.00189	-70.00	-80.00	0.00230	
-60.00	-80.00	0.00283	-50.00	-80.00	0.00353	
-40.00	-80.00	0.00446	-30.00	-80.00	0.00574	
-25.00	-80.00	0.00656	-20.00	-80.00	0.00754	
-17.00	-80.00	0.00823	-15.00	-80.00	0.00874	
-13.00	-80.00	0.00931	-11.00	-80.00	0.00993	
-9.00	-80.00	0.01066	9.00	-80.00	0.01211	
11.00	-80.00	0.01149	13.00	-80.00	0.01099	
15.00	-80.00	0.01054	17.00	-80.00	0.01014	
20.00	-80.00	0.00960	25.00	-80.00	0.00883	
30.00	-80.00	0.00816	40.00	-80.00	0.00702	
50.00	-80.00	0.00609	60.00	-80.00	0.00531	
70.00	-80.00	0.00466	80.00	-80.00	0.00412	
90.00	-80.00	0.00366	100.00	-80.00	0.00327	
-100.00	-70.00	0.00138	-90.00	-70.00	0.00165	
-80.00	-70.00	0.00198	-70.00	-70.00	0.00240	
-60.00	-70.00	0.00294	-50.00	-70.00	0.00365	
-40.00	-70.00	0.00459	-30.00	-70.00	0.00587	
-25.00	-70.00	0.00669	-20.00	-70.00	0.00767	
-17.00	-70.00	0.00836	-15.00	-70.00	0.00887	
-13.00	-70.00	0.00943	-11.00	-70.00	0.01006	
-9.00	-70.00	0.01078	9.00	-70.00	0.01222	
11.00	-70.00	0.01160	13.00	-70.00	0.01109	
15.00	-70.00	0.01065	17.00	-70.00	0.01025	

**MODELOPTs:
 PAGE 130

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00970	25.00	-70.00	0.00891
30.00	-70.00	0.00824	40.00	-70.00	0.00709
50.00	-70.00	0.00615	60.00	-70.00	0.00537
70.00	-70.00	0.00472	80.00	-70.00	0.00417
90.00	-70.00	0.00371	100.00	-70.00	0.00332
-100.00	-60.00	0.00145	-90.00	-60.00	0.00173
-80.00	-60.00	0.00207	-70.00	-60.00	0.00250
-60.00	-60.00	0.00305	-50.00	-60.00	0.00376
-40.00	-60.00	0.00471	-30.00	-60.00	0.00599
-25.00	-60.00	0.00681	-20.00	-60.00	0.00779
-17.00	-60.00	0.00848	-15.00	-60.00	0.00898
-13.00	-60.00	0.00954	-11.00	-60.00	0.01017
-9.00	-60.00	0.01089	9.00	-60.00	0.01233
11.00	-60.00	0.01170	13.00	-60.00	0.01118
15.00	-60.00	0.01073	17.00	-60.00	0.01033
20.00	-60.00	0.00979	25.00	-60.00	0.00900
30.00	-60.00	0.00831	40.00	-60.00	0.00716
50.00	-60.00	0.00621	60.00	-60.00	0.00542
70.00	-60.00	0.00476	80.00	-60.00	0.00421
90.00	-60.00	0.00375	100.00	-60.00	0.00335
-100.00	-50.00	0.00152	-90.00	-50.00	0.00180
-80.00	-50.00	0.00215	-70.00	-50.00	0.00258
-60.00	-50.00	0.00314	-50.00	-50.00	0.00386
-40.00	-50.00	0.00481	-30.00	-50.00	0.00609
-25.00	-50.00	0.00691	-20.00	-50.00	0.00789
-17.00	-50.00	0.00857	-15.00	-50.00	0.00908
-13.00	-50.00	0.00964	-11.00	-50.00	0.01027
-9.00	-50.00	0.01099	9.00	-50.00	0.01244
11.00	-50.00	0.01180	13.00	-50.00	0.01126
15.00	-50.00	0.01081	17.00	-50.00	0.01041
20.00	-50.00	0.00986	25.00	-50.00	0.00907
30.00	-50.00	0.00837	40.00	-50.00	0.00721
50.00	-50.00	0.00626	60.00	-50.00	0.00547
70.00	-50.00	0.00481	80.00	-50.00	0.00425

X	Y	CONC	X	Y	CONC
90.00	-50.00	0.00378	100.00	-50.00	0.00339
-100.00	-40.00	0.00158	-90.00	-40.00	0.00187
-80.00	-40.00	0.00222	-70.00	-40.00	0.00266
-60.00	-40.00	0.00322	-50.00	-40.00	0.00395
-40.00	-40.00	0.00490	-30.00	-40.00	0.00618
-25.00	-40.00	0.00700	-20.00	-40.00	0.00798

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:

PAGE 131

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00866	-15.00	-40.00	0.00917
-13.00	-40.00	0.00973	-11.00	-40.00	0.01036
-9.00	-40.00	0.01108	9.00	-40.00	0.01248
11.00	-40.00	0.01187	13.00	-40.00	0.01135
15.00	-40.00	0.01089	17.00	-40.00	0.01048
20.00	-40.00	0.00993	25.00	-40.00	0.00913
30.00	-40.00	0.00843	40.00	-40.00	0.00726
50.00	-40.00	0.00630	60.00	-40.00	0.00551
70.00	-40.00	0.00484	80.00	-40.00	0.00428
90.00	-40.00	0.00381	100.00	-40.00	0.00341
-100.00	-30.00	0.00164	-90.00	-30.00	0.00193
-80.00	-30.00	0.00229	-70.00	-30.00	0.00273
-60.00	-30.00	0.00330	-50.00	-30.00	0.00403
-40.00	-30.00	0.00498	-30.00	-30.00	0.00626
-25.00	-30.00	0.00708	-20.00	-30.00	0.00806
-17.00	-30.00	0.00874	-15.00	-30.00	0.00925
-13.00	-30.00	0.00981	-11.00	-30.00	0.01044
-9.00	-30.00	0.01116	9.00	-30.00	0.01251
11.00	-30.00	0.01191	13.00	-30.00	0.01140
15.00	-30.00	0.01095	17.00	-30.00	0.01054
20.00	-30.00	0.00999	25.00	-30.00	0.00919
30.00	-30.00	0.00848	40.00	-30.00	0.00731
50.00	-30.00	0.00634	60.00	-30.00	0.00554
70.00	-30.00	0.00487	80.00	-30.00	0.00431
90.00	-30.00	0.00384	100.00	-30.00	0.00344
-100.00	-20.00	0.00170	-90.00	-20.00	0.00199
-80.00	-20.00	0.00235	-70.00	-20.00	0.00280
-60.00	-20.00	0.00337	-50.00	-20.00	0.00410

09NCRA SR04-300_DPM_TRAV_ANN_N-S Bound					
-40.00	-20.00	0.00505	-30.00	-20.00	0.00634
-25.00	-20.00	0.00715	-20.00	-20.00	0.00813
-17.00	-20.00	0.00881	-15.00	-20.00	0.00932
-13.00	-20.00	0.00988	-11.00	-20.00	0.01050
-9.00	-20.00	0.01122	9.00	-20.00	0.01257
11.00	-20.00	0.01196	13.00	-20.00	0.01145
15.00	-20.00	0.01100	17.00	-20.00	0.01059
20.00	-20.00	0.01003	25.00	-20.00	0.00923
30.00	-20.00	0.00853	40.00	-20.00	0.00735
50.00	-20.00	0.00637	60.00	-20.00	0.00557
70.00	-20.00	0.00490	80.00	-20.00	0.00433
90.00	-20.00	0.00386	100.00	-20.00	0.00345

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00175	-90.00	-10.00	0.00204
-80.00	-10.00	0.00241	-70.00	-10.00	0.00286
-60.00	-10.00	0.00343	-50.00	-10.00	0.00417
-40.00	-10.00	0.00512	-30.00	-10.00	0.00640
-25.00	-10.00	0.00722	-20.00	-10.00	0.00819
-17.00	-10.00	0.00887	-15.00	-10.00	0.00938
-13.00	-10.00	0.00994	-11.00	-10.00	0.01056
-9.00	-10.00	0.01127	9.00	-10.00	0.01262
11.00	-10.00	0.01201	13.00	-10.00	0.01149
15.00	-10.00	0.01104	17.00	-10.00	0.01063
20.00	-10.00	0.01007	25.00	-10.00	0.00927
30.00	-10.00	0.00857	40.00	-10.00	0.00738
50.00	-10.00	0.00640	60.00	-10.00	0.00559
70.00	-10.00	0.00492	80.00	-10.00	0.00435
90.00	-10.00	0.00387	100.00	-10.00	0.00347
-100.00	0.00	0.00179	-90.00	0.00	0.00209
-80.00	0.00	0.00246	-70.00	0.00	0.00292
-60.00	0.00	0.00349	-50.00	0.00	0.00422
-40.00	0.00	0.00518	-30.00	0.00	0.00646
-25.00	0.00	0.00727	-20.00	0.00	0.00825
-17.00	0.00	0.00893	-15.00	0.00	0.00943
-13.00	0.00	0.00999	-11.00	0.00	0.01061

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-9.00	0.00	0.01132	9.00	0.00	0.01267	
11.00	0.00	0.01205	13.00	0.00	0.01153	
15.00	0.00	0.01107	17.00	0.00	0.01066	
20.00	0.00	0.01011	25.00	0.00	0.00930	
30.00	0.00	0.00860	40.00	0.00	0.00740	
50.00	0.00	0.00642	60.00	0.00	0.00561	
70.00	0.00	0.00493	80.00	0.00	0.00436	
90.00	0.00	0.00388	100.00	0.00	0.00348	
-100.00	10.00	0.00184	-90.00	10.00	0.00214	
-80.00	10.00	0.00251	-70.00	10.00	0.00297	
-60.00	10.00	0.00354	-50.00	10.00	0.00428	
-40.00	10.00	0.00523	-30.00	10.00	0.00651	
-25.00	10.00	0.00732	-20.00	10.00	0.00829	
-17.00	10.00	0.00897	-15.00	10.00	0.00948	
-13.00	10.00	0.01003	-11.00	10.00	0.01065	
-9.00	10.00	0.01137	9.00	10.00	0.01271	
11.00	10.00	0.01209	13.00	10.00	0.01157	
15.00	10.00	0.01111	17.00	10.00	0.01070	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

18:47:46

*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
 PAGE 133

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.01014	25.00	10.00	0.00933
30.00	10.00	0.00862	40.00	10.00	0.00742
50.00	10.00	0.00644	60.00	10.00	0.00562
70.00	10.00	0.00494	80.00	10.00	0.00437
90.00	10.00	0.00389	100.00	10.00	0.00348
-100.00	20.00	0.00188	-90.00	20.00	0.00218
-80.00	20.00	0.00255	-70.00	20.00	0.00301
-60.00	20.00	0.00359	-50.00	20.00	0.00433
-40.00	20.00	0.00528	-30.00	20.00	0.00656
-25.00	20.00	0.00737	-20.00	20.00	0.00834
-17.00	20.00	0.00901	-15.00	20.00	0.00952
-13.00	20.00	0.01007	-11.00	20.00	0.01069
-9.00	20.00	0.01141	9.00	20.00	0.01275
11.00	20.00	0.01212	13.00	20.00	0.01160
15.00	20.00	0.01114	17.00	20.00	0.01073
20.00	20.00	0.01017	25.00	20.00	0.00935

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00864	40.00	20.00	0.00744
50.00	20.00	0.00645	60.00	20.00	0.00563
70.00	20.00	0.00495	80.00	20.00	0.00438
90.00	20.00	0.00389	100.00	20.00	0.00348
-100.00	30.00	0.00191	-90.00	30.00	0.00222
-80.00	30.00	0.00260	-70.00	30.00	0.00306
-60.00	30.00	0.00363	-50.00	30.00	0.00437
-40.00	30.00	0.00532	-30.00	30.00	0.00660
-25.00	30.00	0.00741	-20.00	30.00	0.00837
-17.00	30.00	0.00905	-15.00	30.00	0.00955
-13.00	30.00	0.01011	-11.00	30.00	0.01072
-9.00	30.00	0.01144	9.00	30.00	0.01280
11.00	30.00	0.01215	13.00	30.00	0.01162
15.00	30.00	0.01116	17.00	30.00	0.01075
20.00	30.00	0.01019	25.00	30.00	0.00937
30.00	30.00	0.00865	40.00	30.00	0.00745
50.00	30.00	0.00646	60.00	30.00	0.00564
70.00	30.00	0.00495	80.00	30.00	0.00438
90.00	30.00	0.00389	100.00	30.00	0.00348
-100.00	40.00	0.00195	-90.00	40.00	0.00226
-80.00	40.00	0.00263	-70.00	40.00	0.00309
-60.00	40.00	0.00367	-50.00	40.00	0.00441
-40.00	40.00	0.00536	-30.00	40.00	0.00663
-25.00	40.00	0.00744	-20.00	40.00	0.00841

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00908	-15.00	40.00	0.00958
-13.00	40.00	0.01013	-11.00	40.00	0.01076
-9.00	40.00	0.01148	9.00	40.00	0.01284
11.00	40.00	0.01218	13.00	40.00	0.01163
15.00	40.00	0.01117	17.00	40.00	0.01076
20.00	40.00	0.01020	25.00	40.00	0.00938
30.00	40.00	0.00866	40.00	40.00	0.00745
50.00	40.00	0.00646	60.00	40.00	0.00564
70.00	40.00	0.00495	80.00	40.00	0.00437
90.00	40.00	0.00389	100.00	40.00	0.00347

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

-100.00	50.00	0.00198	-90.00	50.00	0.00229
-80.00	50.00	0.00267	-70.00	50.00	0.00313
-60.00	50.00	0.00371	-50.00	50.00	0.00444
-40.00	50.00	0.00539	-30.00	50.00	0.00666
-25.00	50.00	0.00747	-20.00	50.00	0.00843
-17.00	50.00	0.00911	-15.00	50.00	0.00961
-13.00	50.00	0.01016	-11.00	50.00	0.01078
-9.00	50.00	0.01150	9.00	50.00	0.01282
11.00	50.00	0.01220	13.00	50.00	0.01166
15.00	50.00	0.01120	17.00	50.00	0.01078
20.00	50.00	0.01021	25.00	50.00	0.00938
30.00	50.00	0.00866	40.00	50.00	0.00745
50.00	50.00	0.00645	60.00	50.00	0.00563
70.00	50.00	0.00494	80.00	50.00	0.00436
90.00	50.00	0.00387	100.00	50.00	0.00346
-100.00	60.00	0.00201	-90.00	60.00	0.00232
-80.00	60.00	0.00270	-70.00	60.00	0.00316
-60.00	60.00	0.00374	-50.00	60.00	0.00447
-40.00	60.00	0.00542	-30.00	60.00	0.00669
-25.00	60.00	0.00749	-20.00	60.00	0.00846
-17.00	60.00	0.00913	-15.00	60.00	0.00964
-13.00	60.00	0.01019	-11.00	60.00	0.01081
-9.00	60.00	0.01152	9.00	60.00	0.01279
11.00	60.00	0.01218	13.00	60.00	0.01166
15.00	60.00	0.01120	17.00	60.00	0.01078
20.00	60.00	0.01021	25.00	60.00	0.00939
30.00	60.00	0.00866	40.00	60.00	0.00744
50.00	60.00	0.00644	60.00	60.00	0.00562
70.00	60.00	0.00493	80.00	60.00	0.00435
90.00	60.00	0.00385	100.00	60.00	0.00343

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46

**MODELOPTs:
 PAGE 135

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00203	-90.00	70.00	0.00234
-80.00	70.00	0.00272	-70.00	70.00	0.00319
-60.00	70.00	0.00376	-50.00	70.00	0.00449
-40.00	70.00	0.00544	-30.00	70.00	0.00671

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-25.00	70.00	0.00751	-20.00	70.00	0.00848	
-17.00	70.00	0.00915	-15.00	70.00	0.00965	
-13.00	70.00	0.01020	-11.00	70.00	0.01082	
-9.00	70.00	0.01153	9.00	70.00	0.01280	
11.00	70.00	0.01218	13.00	70.00	0.01165	
15.00	70.00	0.01119	17.00	70.00	0.01077	
20.00	70.00	0.01020	25.00	70.00	0.00938	
30.00	70.00	0.00865	40.00	70.00	0.00743	
50.00	70.00	0.00643	60.00	70.00	0.00560	
70.00	70.00	0.00491	80.00	70.00	0.00432	
90.00	70.00	0.00383	100.00	70.00	0.00341	
-100.00	80.00	0.00205	-90.00	80.00	0.00237	
-80.00	80.00	0.00274	-70.00	80.00	0.00321	
-60.00	80.00	0.00378	-50.00	80.00	0.00452	
-40.00	80.00	0.00546	-30.00	80.00	0.00673	
-25.00	80.00	0.00753	-20.00	80.00	0.00849	
-17.00	80.00	0.00916	-15.00	80.00	0.00966	
-13.00	80.00	0.01021	-11.00	80.00	0.01082	
-9.00	80.00	0.01153	9.00	80.00	0.01279	
11.00	80.00	0.01217	13.00	80.00	0.01164	
15.00	80.00	0.01118	17.00	80.00	0.01076	
20.00	80.00	0.01019	25.00	80.00	0.00936	
30.00	80.00	0.00863	40.00	80.00	0.00741	
50.00	80.00	0.00640	60.00	80.00	0.00557	
70.00	80.00	0.00488	80.00	80.00	0.00429	
90.00	80.00	0.00380	100.00	80.00	0.00337	
-100.00	90.00	0.00207	-90.00	90.00	0.00239	
-80.00	90.00	0.00276	-70.00	90.00	0.00323	
-60.00	90.00	0.00380	-50.00	90.00	0.00453	
-40.00	90.00	0.00548	-30.00	90.00	0.00674	
-25.00	90.00	0.00754	-20.00	90.00	0.00850	
-17.00	90.00	0.00917	-15.00	90.00	0.00966	
-13.00	90.00	0.01021	-11.00	90.00	0.01083	
-9.00	90.00	0.01153	9.00	90.00	0.01279	
11.00	90.00	0.01216	13.00	90.00	0.01163	
15.00	90.00	0.01116	17.00	90.00	0.01074	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/18/08

*** Maximum train overlap at North/South Bound Direction ***

18:47:46
**MODELOPTs:
PAGE 136

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.01017	25.00	90.00	0.00933
30.00	90.00	0.00860	40.00	90.00	0.00738
50.00	90.00	0.00637	60.00	90.00	0.00554
70.00	90.00	0.00484	80.00	90.00	0.00425
90.00	90.00	0.00375	100.00	90.00	0.00333
-100.00	100.00	0.00209	-90.00	100.00	0.00240
-80.00	100.00	0.00278	-70.00	100.00	0.00324
-60.00	100.00	0.00382	-50.00	100.00	0.00454
-40.00	100.00	0.00549	-30.00	100.00	0.00675
-25.00	100.00	0.00755	-20.00	100.00	0.00850
-17.00	100.00	0.00917	-15.00	100.00	0.00966
-13.00	100.00	0.01021	-11.00	100.00	0.01082
-9.00	100.00	0.01153	9.00	100.00	0.01278
11.00	100.00	0.01214	13.00	100.00	0.01161
15.00	100.00	0.01114	17.00	100.00	0.01071
20.00	100.00	0.01013	25.00	100.00	0.00930
30.00	100.00	0.00857	40.00	100.00	0.00734
50.00	100.00	0.00633	60.00	100.00	0.00549
70.00	100.00	0.00479	80.00	100.00	0.00420
90.00	100.00	0.00370	100.00	100.00	0.00329
-100.00	110.00	0.00211	-90.00	110.00	0.00242
-80.00	110.00	0.00279	-70.00	110.00	0.00325
-60.00	110.00	0.00383	-50.00	110.00	0.00455
-40.00	110.00	0.00549	-30.00	110.00	0.00675
-25.00	110.00	0.00754	-20.00	110.00	0.00850
-17.00	110.00	0.00916	-15.00	110.00	0.00966
-13.00	110.00	0.01020	-11.00	110.00	0.01081
-9.00	110.00	0.01152	9.00	110.00	0.01275
11.00	110.00	0.01210	13.00	110.00	0.01157
15.00	110.00	0.01110	17.00	110.00	0.01068
20.00	110.00	0.01009	25.00	110.00	0.00925
30.00	110.00	0.00852	40.00	110.00	0.00728
50.00	110.00	0.00628	60.00	110.00	0.00544
70.00	110.00	0.00473	80.00	110.00	0.00414
90.00	110.00	0.00365	100.00	110.00	0.00323
-100.00	120.00	0.00212	-90.00	120.00	0.00243
-80.00	120.00	0.00280	-70.00	120.00	0.00326
-60.00	120.00	0.00383	-50.00	120.00	0.00456
-40.00	120.00	0.00549	-30.00	120.00	0.00674
-25.00	120.00	0.00754	-20.00	120.00	0.00849

1 *** ISCST3 - VERSION 02035 ***
04/18/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

18:47:46

**MODELOPTs:
PAGE 137
CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00915	-15.00	120.00	0.00965
-13.00	120.00	0.01019	-11.00	120.00	0.01080
-9.00	120.00	0.01150	9.00	120.00	0.01273
11.00	120.00	0.01207	13.00	120.00	0.01152
15.00	120.00	0.01105	17.00	120.00	0.01062
20.00	120.00	0.01004	25.00	120.00	0.00919
30.00	120.00	0.00845	40.00	120.00	0.00722
50.00	120.00	0.00621	60.00	120.00	0.00536
70.00	120.00	0.00466	80.00	120.00	0.00407
90.00	120.00	0.00358	100.00	120.00	0.00317
-100.00	130.00	0.00213	-90.00	130.00	0.00244
-80.00	130.00	0.00281	-70.00	130.00	0.00326
-60.00	130.00	0.00383	-50.00	130.00	0.00455
-40.00	130.00	0.00549	-30.00	130.00	0.00673
-25.00	130.00	0.00752	-20.00	130.00	0.00847
-17.00	130.00	0.00914	-15.00	130.00	0.00962
-13.00	130.00	0.01017	-11.00	130.00	0.01078
-9.00	130.00	0.01148	9.00	130.00	0.01269
11.00	130.00	0.01202	13.00	130.00	0.01145
15.00	130.00	0.01098	17.00	130.00	0.01055
20.00	130.00	0.00997	25.00	130.00	0.00911
30.00	130.00	0.00837	40.00	130.00	0.00714
50.00	130.00	0.00612	60.00	130.00	0.00527
70.00	130.00	0.00457	80.00	130.00	0.00398
90.00	130.00	0.00350	100.00	130.00	0.00310
-100.00	140.00	0.00214	-90.00	140.00	0.00245
-80.00	140.00	0.00281	-70.00	140.00	0.00326
-60.00	140.00	0.00383	-50.00	140.00	0.00455
-40.00	140.00	0.00548	-30.00	140.00	0.00672
-25.00	140.00	0.00751	-20.00	140.00	0.00845
-17.00	140.00	0.00911	-15.00	140.00	0.00960
-13.00	140.00	0.01014	-11.00	140.00	0.01075
-9.00	140.00	0.01145	9.00	140.00	0.01259
11.00	140.00	0.01194	13.00	140.00	0.01139
15.00	140.00	0.01090	17.00	140.00	0.01047
20.00	140.00	0.00988	25.00	140.00	0.00902

		09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound			
30.00	140.00	0.00827	40.00	140.00	0.00703
50.00	140.00	0.00601	60.00	140.00	0.00516
70.00	140.00	0.00446	80.00	140.00	0.00389
90.00	140.00	0.00342	100.00	140.00	0.00303

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

18:47:46
 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00215	-90.00	150.00	0.00245
-80.00	150.00	0.00281	-70.00	150.00	0.00326
-60.00	150.00	0.00382	-50.00	150.00	0.00453
-40.00	150.00	0.00546	-30.00	150.00	0.00669
-25.00	150.00	0.00748	-20.00	150.00	0.00842
-17.00	150.00	0.00908	-15.00	150.00	0.00957
-13.00	150.00	0.01010	-11.00	150.00	0.01071
-9.00	150.00	0.01141	9.00	150.00	0.01246
11.00	150.00	0.01182	13.00	150.00	0.01127
15.00	150.00	0.01079	17.00	150.00	0.01035
20.00	150.00	0.00975	25.00	150.00	0.00890
30.00	150.00	0.00815	40.00	150.00	0.00690
50.00	150.00	0.00587	60.00	150.00	0.00503
70.00	150.00	0.00434	80.00	150.00	0.00378
90.00	150.00	0.00332	100.00	150.00	0.00294
-100.00	160.00	0.00215	-90.00	160.00	0.00245
-80.00	160.00	0.00281	-70.00	160.00	0.00326
-60.00	160.00	0.00381	-50.00	160.00	0.00451
-40.00	160.00	0.00543	-30.00	160.00	0.00666
-25.00	160.00	0.00744	-20.00	160.00	0.00838
-17.00	160.00	0.00903	-15.00	160.00	0.00952
-13.00	160.00	0.01005	-11.00	160.00	0.01065
-9.00	160.00	0.01134	9.00	160.00	0.01233
11.00	160.00	0.01168	13.00	160.00	0.01112
15.00	160.00	0.01064	17.00	160.00	0.01019
20.00	160.00	0.00960	25.00	160.00	0.00874
30.00	160.00	0.00799	40.00	160.00	0.00673
50.00	160.00	0.00570	60.00	160.00	0.00487
70.00	160.00	0.00420	80.00	160.00	0.00366
90.00	160.00	0.00321	100.00	160.00	0.00285

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-100.00	170.00	0.00216	-90.00	170.00	0.00245	
-80.00	170.00	0.00281	-70.00	170.00	0.00325	
-60.00	170.00	0.00379	-50.00	170.00	0.00449	
-40.00	170.00	0.00540	-30.00	170.00	0.00662	
-25.00	170.00	0.00740	-20.00	170.00	0.00832	
-17.00	170.00	0.00897	-15.00	170.00	0.00945	
-13.00	170.00	0.00998	-11.00	170.00	0.01058	
-9.00	170.00	0.01126	9.00	170.00	0.01216	
11.00	170.00	0.01150	13.00	170.00	0.01094	
15.00	170.00	0.01044	17.00	170.00	0.01000	

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

*** Maximum train overlap at North/South Bound Direction ***

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 **MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00940	25.00	170.00	0.00853
30.00	170.00	0.00778	40.00	170.00	0.00650
50.00	170.00	0.00549	60.00	170.00	0.00469
70.00	170.00	0.00404	80.00	170.00	0.00352
90.00	170.00	0.00310	100.00	170.00	0.00275
-100.00	180.00	0.00216	-90.00	180.00	0.00245
-80.00	180.00	0.00280	-70.00	180.00	0.00324
-60.00	180.00	0.00378	-50.00	180.00	0.00446
-40.00	180.00	0.00536	-30.00	180.00	0.00656
-25.00	180.00	0.00733	-20.00	180.00	0.00826
-17.00	180.00	0.00890	-15.00	180.00	0.00937
-13.00	180.00	0.00990	-11.00	180.00	0.01049
-9.00	180.00	0.01116	9.00	180.00	0.01194
11.00	180.00	0.01127	13.00	180.00	0.01070
15.00	180.00	0.01019	17.00	180.00	0.00974
20.00	180.00	0.00914	25.00	180.00	0.00826
30.00	180.00	0.00749	40.00	180.00	0.00623
50.00	180.00	0.00526	60.00	180.00	0.00449
70.00	180.00	0.00387	80.00	180.00	0.00338
90.00	180.00	0.00298	100.00	180.00	0.00265
-100.00	190.00	0.00216	-90.00	190.00	0.00245
-80.00	190.00	0.00280	-70.00	190.00	0.00322
-60.00	190.00	0.00376	-50.00	190.00	0.00443
-40.00	190.00	0.00531	-30.00	190.00	0.00650

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
-25.00	190.00	0.00726	-20.00	190.00	0.00817	
-17.00	190.00	0.00880	-15.00	190.00	0.00928	
-13.00	190.00	0.00980	-11.00	190.00	0.01038	
-9.00	190.00	0.01105	9.00	190.00	0.01166	
11.00	190.00	0.01096	13.00	190.00	0.01038	
15.00	190.00	0.00987	17.00	190.00	0.00941	
20.00	190.00	0.00878	25.00	190.00	0.00789	
30.00	190.00	0.00713	40.00	190.00	0.00591	
50.00	190.00	0.00499	60.00	190.00	0.00427	
70.00	190.00	0.00370	80.00	190.00	0.00324	
90.00	190.00	0.00286	100.00	190.00	0.00255	
-100.00	200.00	0.00215	-90.00	200.00	0.00244	
-80.00	200.00	0.00278	-70.00	200.00	0.00320	
-60.00	200.00	0.00373	-50.00	200.00	0.00440	
-40.00	200.00	0.00526	-30.00	200.00	0.00643	
-25.00	200.00	0.00717	-20.00	200.00	0.00806	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-17.00	200.00	0.00869	-15.00	200.00	0.00916	
-13.00	200.00	0.00967	-11.00	200.00	0.01024	
-9.00	200.00	0.01090	9.00	200.00	0.01126	
11.00	200.00	0.01053	13.00	200.00	0.00993	
15.00	200.00	0.00941	17.00	200.00	0.00893	
20.00	200.00	0.00830	25.00	200.00	0.00741	
30.00	200.00	0.00669	40.00	200.00	0.00555	
50.00	200.00	0.00470	60.00	200.00	0.00404	
70.00	200.00	0.00351	80.00	200.00	0.00308	
90.00	200.00	0.00273	100.00	200.00	0.00244	
-100.00	210.00	0.00214	-90.00	210.00	0.00243	
-80.00	210.00	0.00277	-70.00	210.00	0.00318	
-60.00	210.00	0.00370	-50.00	210.00	0.00435	
-40.00	210.00	0.00521	-30.00	210.00	0.00635	
-25.00	210.00	0.00708	-20.00	210.00	0.00796	
-17.00	210.00	0.00857	-15.00	210.00	0.00902	
-13.00	210.00	0.00952	-11.00	210.00	0.01008	
-9.00	210.00	0.01072	9.00	210.00	0.01065	

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound						
11.00	210.00	0.00989	13.00	210.00	0.00926	
15.00	210.00	0.00874	17.00	210.00	0.00828	
20.00	210.00	0.00768	25.00	210.00	0.00686	
30.00	210.00	0.00620	40.00	210.00	0.00518	
50.00	210.00	0.00441	60.00	210.00	0.00380	
70.00	210.00	0.00332	80.00	210.00	0.00293	
90.00	210.00	0.00260	100.00	210.00	0.00233	
-100.00	220.00	0.00214	-90.00	220.00	0.00241	
-80.00	220.00	0.00275	-70.00	220.00	0.00316	
-60.00	220.00	0.00366	-50.00	220.00	0.00431	
-40.00	220.00	0.00514	-30.00	220.00	0.00627	
-25.00	220.00	0.00698	-20.00	220.00	0.00784	
-17.00	220.00	0.00844	-15.00	220.00	0.00888	
-13.00	220.00	0.00936	-11.00	220.00	0.00990	
-9.00	220.00	0.01052	9.00	220.00	0.00966	
11.00	220.00	0.00895	13.00	220.00	0.00838	
15.00	220.00	0.00793	17.00	220.00	0.00753	
20.00	220.00	0.00701	25.00	220.00	0.00630	
30.00	220.00	0.00571	40.00	220.00	0.00480	
50.00	220.00	0.00411	60.00	220.00	0.00357	
70.00	220.00	0.00313	80.00	220.00	0.00278	
90.00	220.00	0.00248	100.00	220.00	0.00223	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00213	-90.00	230.00	0.00240
-80.00	230.00	0.00273	-70.00	230.00	0.00313
-60.00	230.00	0.00363	-50.00	230.00	0.00426
-40.00	230.00	0.00508	-30.00	230.00	0.00618
-25.00	230.00	0.00688	-20.00	230.00	0.00771
-17.00	230.00	0.00829	-15.00	230.00	0.00871
-13.00	230.00	0.00916	-11.00	230.00	0.00966
-9.00	230.00	0.01019	9.00	230.00	0.00838
11.00	230.00	0.00792	13.00	230.00	0.00751
15.00	230.00	0.00714	17.00	230.00	0.00681
20.00	230.00	0.00638	25.00	230.00	0.00577
30.00	230.00	0.00526	40.00	230.00	0.00446

09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00385	60.00	230.00	0.00336
70.00	230.00	0.00296	80.00	230.00	0.00264
90.00	230.00	0.00236	100.00	230.00	0.00214
-100.00	240.00	0.00212	-90.00	240.00	0.00239
-80.00	240.00	0.00271	-70.00	240.00	0.00310
-60.00	240.00	0.00358	-50.00	240.00	0.00420
-40.00	240.00	0.00499	-30.00	240.00	0.00603
-25.00	240.00	0.00668	-20.00	240.00	0.00741
-17.00	240.00	0.00787	-15.00	240.00	0.00817
-13.00	240.00	0.00845	-11.00	240.00	0.00869
-9.00	240.00	0.00888	9.00	240.00	0.00694
11.00	240.00	0.00665	13.00	240.00	0.00639
15.00	240.00	0.00615	17.00	240.00	0.00593
20.00	240.00	0.00563	25.00	240.00	0.00518
30.00	240.00	0.00477	40.00	240.00	0.00410
50.00	240.00	0.00357	60.00	240.00	0.00314
70.00	240.00	0.00279	80.00	240.00	0.00250
90.00	240.00	0.00225	100.00	240.00	0.00204
-100.00	250.00	0.00211	-90.00	250.00	0.00237
-80.00	250.00	0.00268	-70.00	250.00	0.00306
-60.00	250.00	0.00352	-50.00	250.00	0.00410
-40.00	250.00	0.00483	-30.00	250.00	0.00575
-25.00	250.00	0.00625	-20.00	250.00	0.00673
-17.00	250.00	0.00698	-15.00	250.00	0.00712
-13.00	250.00	0.00723	-11.00	250.00	0.00732
-9.00	250.00	0.00736	9.00	250.00	0.00583
11.00	250.00	0.00561	13.00	250.00	0.00541
15.00	250.00	0.00523	17.00	250.00	0.00507

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08 *** Maximum train overlap at North/South Bound Direction ***

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CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00485	25.00	250.00	0.00453
30.00	250.00	0.00424	40.00	250.00	0.00373
50.00	250.00	0.00329	60.00	250.00	0.00293
70.00	250.00	0.00262	80.00	250.00	0.00236
90.00	250.00	0.00213	100.00	250.00	0.00194

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00809 AT (9.00, 200.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00805 AT (9.00, 190.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00784 AT (9.00, 210.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00780 AT (9.00, 180.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00768 AT (-9.00, 220.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00766 AT (-9.00, 230.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00751 AT (-9.00, 210.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00744 AT (11.00, 190.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00743 AT (11.00, 200.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00734 AT (9.00, 170.00, 0.00, 1.20)	DC	NA	
NCRA_S2	1ST HIGHEST VALUE IS 0.00809 AT (9.00, 110.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00805 AT (9.00, 100.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00784 AT (9.00, 120.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00780 AT (9.00, 90.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00768 AT (-9.00, 130.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00766 AT (-9.00, 140.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00751 AT (-9.00, 120.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00744 AT (11.00, 100.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00743 AT (11.00, 110.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00734 AT (9.00, 80.00, 0.00, 1.20)	DC	NA	
NCRA_S3	1ST HIGHEST VALUE IS 0.00809 AT (9.00, 20.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00805 AT (9.00, 10.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00784 AT (9.00, 30.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00780 AT (9.00, 0.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00768 AT (-9.00, 40.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00766 AT (-9.00, 50.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00751 AT (-9.00, 30.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00744 AT (11.00, 10.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00743 AT (11.00, 20.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00734 AT (9.00, -10.00, 0.00, 1.20)	DC	NA	

1 *** ISCST3 - VERSION 02035 ***
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*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

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URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00809 AT (9.00, -70.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00805 AT (9.00, -80.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00784 AT (9.00, -60.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00780 AT (9.00, -90.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00768 AT (-9.00, -50.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00766 AT (-9.00, -40.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00751 AT (-9.00, -60.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00744 AT (11.00, -80.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00743 AT (11.00, -70.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00734 AT (9.00, -100.00, 0.00, 1.20)	DC	NA	
NCRA_S5	1ST HIGHEST VALUE IS 0.00809 AT (9.00, -160.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00805 AT (9.00, -170.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00784 AT (9.00, -150.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00780 AT (9.00, -180.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00768 AT (-9.00, -140.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00766 AT (-9.00, -130.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00751 AT (-9.00, -150.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00744 AT (11.00, -170.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00743 AT (11.00, -160.00, 0.00, 1.20)	DC	NA	

		09NCRA_SR04-300_DPM_TRAV_ANN_N-S Bound							
	10TH HIGHEST VALUE IS	0.00734	AT (	9.00,	-190.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01284	AT (	9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01282	AT (	9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01280	AT (	9.00,	70.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01280	AT (	9.00,	30.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01279	AT (	9.00,	60.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01279	AT (	9.00,	80.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01279	AT (	9.00,	90.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01278	AT (	9.00,	100.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01275	AT (	9.00,	110.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01275	AT (	9.00,	20.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
 *** Maximum train overlap at North/South Bound Direction ***

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**MODELOPTs:
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URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 104 Informational Message(s)
 A Total of 104 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***
