

ISCST3x VERSION 4.4.3
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Run Began on 4/18/2008 at 18:30:02

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA_SR02-300_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
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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
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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
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RE DISCCART	30.0	-250.0	1.2
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RE DISCCART	50.0	-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
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RE DISCCART	-11.0	-240.0	1.2

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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
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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	13.0	-230.0	1.2
RE DISCCART	15.0	-230.0	1.2
RE DISCCART	17.0	-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
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RE DISCCART	30.0	-220.0	1.2
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RE DISCCART	-25.0	-210.0	1.2
RE DISCCART	-20.0	-210.0	1.2
RE DISCCART	-17.0	-210.0	1.2
RE DISCCART	-15.0	-210.0	1.2

RE DISCCART	-13.0	-210.0	1.2
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RE DISCCART	-13.0	-190.0	1.2
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RE DISCCART	-50.0	-180.0	1.2
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RE DISCCART	-25.0	-180.0	1.2
RE DISCCART	-20.0	-180.0	1.2

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RE DISCCART	9.0	-180.0	1.2
RE DISCCART	11.0	-180.0	1.2
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RE DISCCART	30.0	-180.0	1.2
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RE DISCCART	40.0	-140.0	1.2
RE DISCCART	50.0	-140.0	1.2
RE DISCCART	60.0	-140.0	1.2
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RE DISCCART	-100.0	-130.0	1.2
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RE DISCCART	-15.0	-130.0	1.2
RE DISCCART	-13.0	-130.0	1.2
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RE DISCCART	30.0	-130.0	1.2
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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
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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
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RE DISCCART	9.0	170.0	1.2

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RE DISCCART	-60.0	180.0	1.2
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RE DISCCART	-40.0	180.0	1.2
RE DISCCART	-30.0	180.0	1.2
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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
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RE DISCCART	17.0	180.0	1.2
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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	100.0	180.0	1.2

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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	-11.0	190.0	1.2
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RE DISCCART	9.0	190.0	1.2
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RE DISCCART	-9.0	210.0	1.2
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RE DISCCART	-13.0	220.0	1.2
RE DISCCART	-11.0	220.0	1.2
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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
RE DISCCART	100.0	220.0	1.2
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RE DISCCART	-70.0	230.0	1.2
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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
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RE DISCCART	80.0	230.0	1.2
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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\ROS02300.ASC"

ME ANEMHGT 10 METERS

ME SURFDATA 9902 2002

ME UAIRDATA 9902 2002

ME STARTEND 2002 01 01 1 2002 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_SR02-300_DPM_TRAV_ANN_N-S Bound.LST"
** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA_SR02-300_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 ***
18:30:03
**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\07NCRA-1.DAT

**Output Print File:

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
 *** Maximum train overlap at North/South Bound Direction ***
 18:30:03
 **MODELOPTs:
 PAGE 2
 CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY 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 ***
 04/18/08
 *** Maximum train overlap at North/South Bound Direction ***
 18:30:03
 **MODELOPTs:
 PAGE 3
 CONC URBAN FLAT FLGPOL DFAULT

*** 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
 *** Maximum train overlap at North/South Bound Direction ***
 18:30:03
 **MODELOPTs:
 PAGE 4
 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);

07NCRA_SR02-300_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

18:30:03

**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);

07NCRA_SR02-300_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 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:30:03

**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);

07NCRA_SR02-300_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 ***

18:30:03
 **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);

07NCRA_SR02-300_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 *** *** NCRA Cumulative DPM Impacts ***

04/18/08

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

18:30:03

**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);

07NCRA_SR02-300_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 ***

18:30:03
 **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);

07NCRA_SR02-300_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 ***

18:30:03

**MODELOPTs:
PAGE 10

CONC URBAN FLAT FLGPOL DFAULT

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

07NCRA_SR02-300_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);

07NCRA_SR02-300_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 ***

18:30:03

**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);

07NCRA_SR02-300_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 ***

18:30:03

**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);

07NCRA_SR02-300_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 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08

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

18:30:03

**MODELOPTs:

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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);

07NCRA_SR02-300_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 ***

18:30:03
 **MODELOPTs:
 PAGE 14

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);

07NCRA_SR02-300_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 ***

18:30:03
 **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);

07NCRA_SR02-300_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

18:30:03

**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);

07NCRA_SR02-300_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 ***

18:30:03

**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);

07NCRA_SR02-300_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 ***
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, 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);

07NCRA_SR02-300_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);

07NCRA_SR02-300_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)

07NCRA SR02-300_DPM_TRAV_ANN_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M)	URBAN	RURAL	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
02	01	01	01	60.1	1.00	285.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	02	186.9	1.00	285.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	03	125.2	1.43	285.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	04	146.5	1.48	284.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	05	132.4	1.48	284.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	06	111.7	1.25	284.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	07	105.1	1.65	284.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	08	241.3	1.43	285.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	09	270.6	1.65	285.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	10	322.7	2.41	285.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	11	321.5	4.69	286.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	12	327.6	4.83	286.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	13	325.7	3.89	286.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	14	313.8	4.11	286.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	15	312.2	4.02	286.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	16	320.8	3.13	287.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	17	325.1	4.16	287.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	18	326.3	3.80	287.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	19	320.4	3.53	286.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	20	322.8	4.07	286.7	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	21	326.3	3.80	286.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	22	341.5	3.04	286.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	23	307.9	3.35	286.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
02	01	01	24	318.4	4.60	286.2	4	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 ***

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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	-250.00	0.00004	-90.00	-250.00	0.00004
-80.00	-250.00	0.00004	-70.00	-250.00	0.00004
-60.00	-250.00	0.00005	-50.00	-250.00	0.00005
-40.00	-250.00	0.00005	-30.00	-250.00	0.00005
-25.00	-250.00	0.00005	-20.00	-250.00	0.00005
-17.00	-250.00	0.00005	-15.00	-250.00	0.00005
-13.00	-250.00	0.00005	-11.00	-250.00	0.00005
-9.00	-250.00	0.00006	9.00	-250.00	0.00006
11.00	-250.00	0.00006	13.00	-250.00	0.00006
15.00	-250.00	0.00006	17.00	-250.00	0.00006
20.00	-250.00	0.00006	25.00	-250.00	0.00006
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	0.00006	80.00	-250.00	0.00007
90.00	-250.00	0.00007	100.00	-250.00	0.00007
-100.00	-240.00	0.00004	-90.00	-240.00	0.00004
-80.00	-240.00	0.00004	-70.00	-240.00	0.00005

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-60.00	-240.00	0.00005	-50.00	-240.00	0.00005
-40.00	-240.00	0.00005	-30.00	-240.00	0.00005
-25.00	-240.00	0.00005	-20.00	-240.00	0.00006
-17.00	-240.00	0.00006	-15.00	-240.00	0.00006
-13.00	-240.00	0.00006	-11.00	-240.00	0.00006
-9.00	-240.00	0.00006	9.00	-240.00	0.00006
11.00	-240.00	0.00006	13.00	-240.00	0.00006
15.00	-240.00	0.00006	17.00	-240.00	0.00006
20.00	-240.00	0.00006	25.00	-240.00	0.00006
30.00	-240.00	0.00006	40.00	-240.00	0.00007
50.00	-240.00	0.00007	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	0.00004	-90.00	-230.00	0.00004
-80.00	-230.00	0.00005	-70.00	-230.00	0.00005
-60.00	-230.00	0.00005	-50.00	-230.00	0.00005
-40.00	-230.00	0.00005	-30.00	-230.00	0.00006
-25.00	-230.00	0.00006	-20.00	-230.00	0.00006
-17.00	-230.00	0.00006	-15.00	-230.00	0.00006
-13.00	-230.00	0.00006	-11.00	-230.00	0.00006
-9.00	-230.00	0.00006	9.00	-230.00	0.00006
11.00	-230.00	0.00006	13.00	-230.00	0.00006
15.00	-230.00	0.00006	17.00	-230.00	0.00007

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

18:30:03
 **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	0.00007	25.00	-230.00	0.00007
30.00	-230.00	0.00007	40.00	-230.00	0.00007
50.00	-230.00	0.00007	60.00	-230.00	0.00007
70.00	-230.00	0.00007	80.00	-230.00	0.00007
90.00	-230.00	0.00007	100.00	-230.00	0.00007
-100.00	-220.00	0.00004	-90.00	-220.00	0.00004
-80.00	-220.00	0.00005	-70.00	-220.00	0.00005
-60.00	-220.00	0.00005	-50.00	-220.00	0.00005
-40.00	-220.00	0.00006	-30.00	-220.00	0.00006
-25.00	-220.00	0.00006	-20.00	-220.00	0.00006
-17.00	-220.00	0.00006	-15.00	-220.00	0.00006

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-13.00	-220.00	0.00006	-11.00	-220.00	0.00006	
-9.00	-220.00	0.00006	9.00	-220.00	0.00007	
11.00	-220.00	0.00007	13.00	-220.00	0.00007	
15.00	-220.00	0.00007	17.00	-220.00	0.00007	
20.00	-220.00	0.00007	25.00	-220.00	0.00007	
30.00	-220.00	0.00007	40.00	-220.00	0.00007	
50.00	-220.00	0.00007	60.00	-220.00	0.00007	
70.00	-220.00	0.00007	80.00	-220.00	0.00007	
90.00	-220.00	0.00007	100.00	-220.00	0.00007	
-100.00	-210.00	0.00004	-90.00	-210.00	0.00005	
-80.00	-210.00	0.00005	-70.00	-210.00	0.00005	
-60.00	-210.00	0.00005	-50.00	-210.00	0.00006	
-40.00	-210.00	0.00006	-30.00	-210.00	0.00006	
-25.00	-210.00	0.00006	-20.00	-210.00	0.00006	
-17.00	-210.00	0.00006	-15.00	-210.00	0.00006	
-13.00	-210.00	0.00006	-11.00	-210.00	0.00007	
-9.00	-210.00	0.00007	9.00	-210.00	0.00007	
11.00	-210.00	0.00007	13.00	-210.00	0.00007	
15.00	-210.00	0.00007	17.00	-210.00	0.00007	
20.00	-210.00	0.00007	25.00	-210.00	0.00007	
30.00	-210.00	0.00007	40.00	-210.00	0.00008	
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	0.00008	100.00	-210.00	0.00008	
-100.00	-200.00	0.00004	-90.00	-200.00	0.00005	
-80.00	-200.00	0.00005	-70.00	-200.00	0.00005	
-60.00	-200.00	0.00006	-50.00	-200.00	0.00006	
-40.00	-200.00	0.00006	-30.00	-200.00	0.00006	
-25.00	-200.00	0.00006	-20.00	-200.00	0.00007	

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

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

18:30:03
 **MODELOPTs:
 PAGE 25
 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	0.00007	-15.00	-200.00	0.00007
-13.00	-200.00	0.00007	-11.00	-200.00	0.00007
-9.00	-200.00	0.00007	9.00	-200.00	0.00007
11.00	-200.00	0.00007	13.00	-200.00	0.00007
15.00	-200.00	0.00007	17.00	-200.00	0.00008

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

20.00	-200.00	0.00008	25.00	-200.00	0.00008
30.00	-200.00	0.00008	40.00	-200.00	0.00008
50.00	-200.00	0.00008	60.00	-200.00	0.00008
70.00	-200.00	0.00008	80.00	-200.00	0.00008
90.00	-200.00	0.00008	100.00	-200.00	0.00008
-100.00	-190.00	0.00005	-90.00	-190.00	0.00005
-80.00	-190.00	0.00005	-70.00	-190.00	0.00006
-60.00	-190.00	0.00006	-50.00	-190.00	0.00006
-40.00	-190.00	0.00006	-30.00	-190.00	0.00007
-25.00	-190.00	0.00007	-20.00	-190.00	0.00007
-17.00	-190.00	0.00007	-15.00	-190.00	0.00007
-13.00	-190.00	0.00007	-11.00	-190.00	0.00007
-9.00	-190.00	0.00007	9.00	-190.00	0.00008
11.00	-190.00	0.00008	13.00	-190.00	0.00008
15.00	-190.00	0.00008	17.00	-190.00	0.00008
20.00	-190.00	0.00008	25.00	-190.00	0.00008
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	0.00005	-90.00	-180.00	0.00005
-80.00	-180.00	0.00005	-70.00	-180.00	0.00006
-60.00	-180.00	0.00006	-50.00	-180.00	0.00006
-40.00	-180.00	0.00007	-30.00	-180.00	0.00007
-25.00	-180.00	0.00007	-20.00	-180.00	0.00007
-17.00	-180.00	0.00007	-15.00	-180.00	0.00007
-13.00	-180.00	0.00007	-11.00	-180.00	0.00008
-9.00	-180.00	0.00008	9.00	-180.00	0.00008
11.00	-180.00	0.00008	13.00	-180.00	0.00008
15.00	-180.00	0.00008	17.00	-180.00	0.00008
20.00	-180.00	0.00008	25.00	-180.00	0.00008
30.00	-180.00	0.00009	40.00	-180.00	0.00009
50.00	-180.00	0.00009	60.00	-180.00	0.00009
70.00	-180.00	0.00009	80.00	-180.00	0.00009
90.00	-180.00	0.00009	100.00	-180.00	0.00009

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

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

18:30:03

**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

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

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

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

*** NCRA Cumulative DPM Impacts

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

18:30:03
**MODELOPTs:
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CONC

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound
URBAN FLAT FLGPOL_DEFAULT

*** 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	0.00010	25.00	-150.00	0.00010
30.00	-150.00	0.00010	40.00	-150.00	0.00010
50.00	-150.00	0.00010	60.00	-150.00	0.00011
70.00	-150.00	0.00011	80.00	-150.00	0.00011
90.00	-150.00	0.00011	100.00	-150.00	0.00011
-100.00	-140.00	0.00005	-90.00	-140.00	0.00006
-80.00	-140.00	0.00006	-70.00	-140.00	0.00007
-60.00	-140.00	0.00007	-50.00	-140.00	0.00008
-40.00	-140.00	0.00008	-30.00	-140.00	0.00009
-25.00	-140.00	0.00009	-20.00	-140.00	0.00009
-17.00	-140.00	0.00009	-15.00	-140.00	0.00009
-13.00	-140.00	0.00009	-11.00	-140.00	0.00009
-9.00	-140.00	0.00009	9.00	-140.00	0.00010
11.00	-140.00	0.00010	13.00	-140.00	0.00010
15.00	-140.00	0.00010	17.00	-140.00	0.00010
20.00	-140.00	0.00010	25.00	-140.00	0.00011
30.00	-140.00	0.00011	40.00	-140.00	0.00011
50.00	-140.00	0.00011	60.00	-140.00	0.00011
70.00	-140.00	0.00011	80.00	-140.00	0.00011
90.00	-140.00	0.00011	100.00	-140.00	0.00012
-100.00	-130.00	0.00005	-90.00	-130.00	0.00006
-80.00	-130.00	0.00007	-70.00	-130.00	0.00007
-60.00	-130.00	0.00008	-50.00	-130.00	0.00008
-40.00	-130.00	0.00009	-30.00	-130.00	0.00009
-25.00	-130.00	0.00009	-20.00	-130.00	0.00009
-17.00	-130.00	0.00010	-15.00	-130.00	0.00010
-13.00	-130.00	0.00010	-11.00	-130.00	0.00010
-9.00	-130.00	0.00010	9.00	-130.00	0.00011
11.00	-130.00	0.00011	13.00	-130.00	0.00011
15.00	-130.00	0.00011	17.00	-130.00	0.00011
20.00	-130.00	0.00011	25.00	-130.00	0.00011
30.00	-130.00	0.00011	40.00	-130.00	0.00012
50.00	-130.00	0.00012	60.00	-130.00	0.00012
70.00	-130.00	0.00012	80.00	-130.00	0.00012
90.00	-130.00	0.00012	100.00	-130.00	0.00012
-100.00	-120.00	0.00006	-90.00	-120.00	0.00006
-80.00	-120.00	0.00007	-70.00	-120.00	0.00007

		07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound			
-60.00	-120.00	0.00008	-50.00	-120.00	0.00008
-40.00	-120.00	0.00009	-30.00	-120.00	0.00009
-25.00	-120.00	0.00010	-20.00	-120.00	0.00010

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

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

18:30:03
 **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	0.00010	-15.00	-120.00	0.00010
-13.00	-120.00	0.00010	-11.00	-120.00	0.00010
-9.00	-120.00	0.00011	9.00	-120.00	0.00011
11.00	-120.00	0.00011	13.00	-120.00	0.00012
15.00	-120.00	0.00012	17.00	-120.00	0.00012
20.00	-120.00	0.00012	25.00	-120.00	0.00012
30.00	-120.00	0.00012	40.00	-120.00	0.00012
50.00	-120.00	0.00013	60.00	-120.00	0.00013
70.00	-120.00	0.00013	80.00	-120.00	0.00013
90.00	-120.00	0.00013	100.00	-120.00	0.00013
-100.00	-110.00	0.00006	-90.00	-110.00	0.00006
-80.00	-110.00	0.00007	-70.00	-110.00	0.00008
-60.00	-110.00	0.00008	-50.00	-110.00	0.00009
-40.00	-110.00	0.00009	-30.00	-110.00	0.00010
-25.00	-110.00	0.00010	-20.00	-110.00	0.00011
-17.00	-110.00	0.00011	-15.00	-110.00	0.00011
-13.00	-110.00	0.00011	-11.00	-110.00	0.00011
-9.00	-110.00	0.00011	9.00	-110.00	0.00012
11.00	-110.00	0.00012	13.00	-110.00	0.00012
15.00	-110.00	0.00012	17.00	-110.00	0.00012
20.00	-110.00	0.00013	25.00	-110.00	0.00013
30.00	-110.00	0.00013	40.00	-110.00	0.00013
50.00	-110.00	0.00013	60.00	-110.00	0.00013
70.00	-110.00	0.00014	80.00	-110.00	0.00014
90.00	-110.00	0.00014	100.00	-110.00	0.00014
-100.00	-100.00	0.00006	-90.00	-100.00	0.00007
-80.00	-100.00	0.00007	-70.00	-100.00	0.00008
-60.00	-100.00	0.00009	-50.00	-100.00	0.00009
-40.00	-100.00	0.00010	-30.00	-100.00	0.00011
-25.00	-100.00	0.00011	-20.00	-100.00	0.00011
-17.00	-100.00	0.00011	-15.00	-100.00	0.00012

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-13.00	-100.00	0.00012	-11.00	-100.00	0.00012	
-9.00	-100.00	0.00012	9.00	-100.00	0.00013	
11.00	-100.00	0.00013	13.00	-100.00	0.00013	
15.00	-100.00	0.00013	17.00	-100.00	0.00013	
20.00	-100.00	0.00013	25.00	-100.00	0.00014	
30.00	-100.00	0.00014	40.00	-100.00	0.00014	
50.00	-100.00	0.00014	60.00	-100.00	0.00014	
70.00	-100.00	0.00014	80.00	-100.00	0.00015	
90.00	-100.00	0.00015	100.00	-100.00	0.00015	

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

18:30:03

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

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
20.00	-80.00	0.00016	25.00	-80.00	0.00016	
30.00	-80.00	0.00016	40.00	-80.00	0.00016	
50.00	-80.00	0.00016	60.00	-80.00	0.00016	
70.00	-80.00	0.00017	80.00	-80.00	0.00017	
90.00	-80.00	0.00018	100.00	-80.00	0.00018	
-100.00	-70.00	0.00007	-90.00	-70.00	0.00007	
-80.00	-70.00	0.00008	-70.00	-70.00	0.00009	
-60.00	-70.00	0.00010	-50.00	-70.00	0.00011	
-40.00	-70.00	0.00012	-30.00	-70.00	0.00013	
-25.00	-70.00	0.00013	-20.00	-70.00	0.00014	
-17.00	-70.00	0.00014	-15.00	-70.00	0.00014	
-13.00	-70.00	0.00014	-11.00	-70.00	0.00014	
-9.00	-70.00	0.00015	9.00	-70.00	0.00016	
11.00	-70.00	0.00016	13.00	-70.00	0.00016	
15.00	-70.00	0.00016	17.00	-70.00	0.00017	

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

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

18:30:03

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

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
90.00	-60.00	0.00021	100.00	-60.00	0.00022	
-100.00	-50.00	0.00007	-90.00	-50.00	0.00008	
-80.00	-50.00	0.00009	-70.00	-50.00	0.00010	
-60.00	-50.00	0.00011	-50.00	-50.00	0.00012	
-40.00	-50.00	0.00014	-30.00	-50.00	0.00015	
-25.00	-50.00	0.00015	-20.00	-50.00	0.00016	
-17.00	-50.00	0.00016	-15.00	-50.00	0.00016	
-13.00	-50.00	0.00017	-11.00	-50.00	0.00017	
-9.00	-50.00	0.00017	9.00	-50.00	0.00019	
11.00	-50.00	0.00019	13.00	-50.00	0.00019	
15.00	-50.00	0.00019	17.00	-50.00	0.00019	
20.00	-50.00	0.00020	25.00	-50.00	0.00020	
30.00	-50.00	0.00020	40.00	-50.00	0.00020	
50.00	-50.00	0.00021	60.00	-50.00	0.00021	
70.00	-50.00	0.00021	80.00	-50.00	0.00022	
90.00	-50.00	0.00023	100.00	-50.00	0.00024	
-100.00	-40.00	0.00007	-90.00	-40.00	0.00008	
-80.00	-40.00	0.00009	-70.00	-40.00	0.00010	
-60.00	-40.00	0.00012	-50.00	-40.00	0.00013	
-40.00	-40.00	0.00014	-30.00	-40.00	0.00016	
-25.00	-40.00	0.00016	-20.00	-40.00	0.00017	

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

18:30:03

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

**MODELOPTs:

PAGE 31

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	-40.00	0.00017	-15.00	-40.00	0.00018
-13.00	-40.00	0.00018	-11.00	-40.00	0.00018
-9.00	-40.00	0.00018	9.00	-40.00	0.00020
11.00	-40.00	0.00021	13.00	-40.00	0.00021
15.00	-40.00	0.00021	17.00	-40.00	0.00021
20.00	-40.00	0.00021	25.00	-40.00	0.00022
30.00	-40.00	0.00022	40.00	-40.00	0.00022
50.00	-40.00	0.00022	60.00	-40.00	0.00023
70.00	-40.00	0.00024	80.00	-40.00	0.00024
90.00	-40.00	0.00025	100.00	-40.00	0.00026
-100.00	-30.00	0.00007	-90.00	-30.00	0.00008
-80.00	-30.00	0.00009	-70.00	-30.00	0.00011
-60.00	-30.00	0.00012	-50.00	-30.00	0.00014

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00015	-30.00	-30.00	0.00017
-25.00	-30.00	0.00018	-20.00	-30.00	0.00018
-17.00	-30.00	0.00019	-15.00	-30.00	0.00019
-13.00	-30.00	0.00019	-11.00	-30.00	0.00020
-9.00	-30.00	0.00020	9.00	-30.00	0.00022
11.00	-30.00	0.00022	13.00	-30.00	0.00023
15.00	-30.00	0.00023	17.00	-30.00	0.00023
20.00	-30.00	0.00023	25.00	-30.00	0.00024
30.00	-30.00	0.00024	40.00	-30.00	0.00024
50.00	-30.00	0.00025	60.00	-30.00	0.00025
70.00	-30.00	0.00026	80.00	-30.00	0.00027
90.00	-30.00	0.00028	100.00	-30.00	0.00029
-100.00	-20.00	0.00008	-90.00	-20.00	0.00009
-80.00	-20.00	0.00010	-70.00	-20.00	0.00011
-60.00	-20.00	0.00013	-50.00	-20.00	0.00015
-40.00	-20.00	0.00017	-30.00	-20.00	0.00018
-25.00	-20.00	0.00019	-20.00	-20.00	0.00020
-17.00	-20.00	0.00020	-15.00	-20.00	0.00021
-13.00	-20.00	0.00021	-11.00	-20.00	0.00021
-9.00	-20.00	0.00022	9.00	-20.00	0.00024
11.00	-20.00	0.00025	13.00	-20.00	0.00025
15.00	-20.00	0.00025	17.00	-20.00	0.00025
20.00	-20.00	0.00026	25.00	-20.00	0.00026
30.00	-20.00	0.00026	40.00	-20.00	0.00027
50.00	-20.00	0.00027	60.00	-20.00	0.00028
70.00	-20.00	0.00029	80.00	-20.00	0.00030
90.00	-20.00	0.00031	100.00	-20.00	0.00032

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

18:30:03

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

**MODELOPTs:
 PAGE 32

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	0.00008	-90.00	-10.00	0.00009
-80.00	-10.00	0.00010	-70.00	-10.00	0.00012
-60.00	-10.00	0.00013	-50.00	-10.00	0.00016
-40.00	-10.00	0.00018	-30.00	-10.00	0.00020
-25.00	-10.00	0.00021	-20.00	-10.00	0.00022
-17.00	-10.00	0.00022	-15.00	-10.00	0.00023
-13.00	-10.00	0.00023	-11.00	-10.00	0.00023

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00024	9.00	-10.00	0.00027
11.00	-10.00	0.00027	13.00	-10.00	0.00028
15.00	-10.00	0.00028	17.00	-10.00	0.00028
20.00	-10.00	0.00028	25.00	-10.00	0.00029
30.00	-10.00	0.00029	40.00	-10.00	0.00029
50.00	-10.00	0.00030	60.00	-10.00	0.00031
70.00	-10.00	0.00032	80.00	-10.00	0.00034
90.00	-10.00	0.00035	100.00	-10.00	0.00036
-100.00	0.00	0.00009	-90.00	0.00	0.00009
-80.00	0.00	0.00011	-70.00	0.00	0.00012
-60.00	0.00	0.00014	-50.00	0.00	0.00016
-40.00	0.00	0.00019	-30.00	0.00	0.00021
-25.00	0.00	0.00023	-20.00	0.00	0.00024
-17.00	0.00	0.00024	-15.00	0.00	0.00025
-13.00	0.00	0.00025	-11.00	0.00	0.00026
-9.00	0.00	0.00026	9.00	0.00	0.00030
11.00	0.00	0.00030	13.00	0.00	0.00031
15.00	0.00	0.00031	17.00	0.00	0.00031
20.00	0.00	0.00031	25.00	0.00	0.00032
30.00	0.00	0.00032	40.00	0.00	0.00033
50.00	0.00	0.00034	60.00	0.00	0.00035
70.00	0.00	0.00037	80.00	0.00	0.00038
90.00	0.00	0.00039	100.00	0.00	0.00040
-100.00	10.00	0.00009	-90.00	10.00	0.00010
-80.00	10.00	0.00011	-70.00	10.00	0.00013
-60.00	10.00	0.00015	-50.00	10.00	0.00017
-40.00	10.00	0.00020	-30.00	10.00	0.00023
-25.00	10.00	0.00025	-20.00	10.00	0.00026
-17.00	10.00	0.00027	-15.00	10.00	0.00027
-13.00	10.00	0.00028	-11.00	10.00	0.00028
-9.00	10.00	0.00029	9.00	10.00	0.00033
11.00	10.00	0.00034	13.00	10.00	0.00034
15.00	10.00	0.00034	17.00	10.00	0.00035

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

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

18:30:03

**MODELOPTs:
 PAGE 33

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	0.00036

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00036	40.00	10.00	0.00037
50.00	10.00	0.00038	60.00	10.00	0.00040
70.00	10.00	0.00042	80.00	10.00	0.00043
90.00	10.00	0.00044	100.00	10.00	0.00044
-100.00	20.00	0.00010	-90.00	20.00	0.00010
-80.00	20.00	0.00012	-70.00	20.00	0.00013
-60.00	20.00	0.00016	-50.00	20.00	0.00018
-40.00	20.00	0.00022	-30.00	20.00	0.00025
-25.00	20.00	0.00027	-20.00	20.00	0.00029
-17.00	20.00	0.00030	-15.00	20.00	0.00030
-13.00	20.00	0.00031	-11.00	20.00	0.00032
-9.00	20.00	0.00032	9.00	20.00	0.00037
11.00	20.00	0.00038	13.00	20.00	0.00038
15.00	20.00	0.00039	17.00	20.00	0.00039
20.00	20.00	0.00039	25.00	20.00	0.00040
30.00	20.00	0.00040	40.00	20.00	0.00041
50.00	20.00	0.00043	60.00	20.00	0.00045
70.00	20.00	0.00048	80.00	20.00	0.00049
90.00	20.00	0.00050	100.00	20.00	0.00049
-100.00	30.00	0.00010	-90.00	30.00	0.00011
-80.00	30.00	0.00012	-70.00	30.00	0.00014
-60.00	30.00	0.00016	-50.00	30.00	0.00019
-40.00	30.00	0.00023	-30.00	30.00	0.00028
-25.00	30.00	0.00030	-20.00	30.00	0.00032
-17.00	30.00	0.00033	-15.00	30.00	0.00034
-13.00	30.00	0.00034	-11.00	30.00	0.00035
-9.00	30.00	0.00036	9.00	30.00	0.00042
11.00	30.00	0.00043	13.00	30.00	0.00043
15.00	30.00	0.00044	17.00	30.00	0.00044
20.00	30.00	0.00045	25.00	30.00	0.00045
30.00	30.00	0.00046	40.00	30.00	0.00047
50.00	30.00	0.00050	60.00	30.00	0.00052
70.00	30.00	0.00055	80.00	30.00	0.00056
90.00	30.00	0.00055	100.00	30.00	0.00054
-100.00	40.00	0.00011	-90.00	40.00	0.00012
-80.00	40.00	0.00013	-70.00	40.00	0.00015
-60.00	40.00	0.00017	-50.00	40.00	0.00021
-40.00	40.00	0.00025	-30.00	40.00	0.00030
-25.00	40.00	0.00033	-20.00	40.00	0.00035

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

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

18:30:03
 **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	0.00037	-15.00	40.00	0.00038
-13.00	40.00	0.00039	-11.00	40.00	0.00039
-9.00	40.00	0.00040	9.00	40.00	0.00048
11.00	40.00	0.00049	13.00	40.00	0.00049
15.00	40.00	0.00050	17.00	40.00	0.00050
20.00	40.00	0.00051	25.00	40.00	0.00051
30.00	40.00	0.00052	40.00	40.00	0.00054
50.00	40.00	0.00058	60.00	40.00	0.00061
70.00	40.00	0.00063	80.00	40.00	0.00063
90.00	40.00	0.00062	100.00	40.00	0.00059
-100.00	50.00	0.00013	-90.00	50.00	0.00013
-80.00	50.00	0.00014	-70.00	50.00	0.00016
-60.00	50.00	0.00018	-50.00	50.00	0.00022
-40.00	50.00	0.00027	-30.00	50.00	0.00033
-25.00	50.00	0.00036	-20.00	50.00	0.00039
-17.00	50.00	0.00041	-15.00	50.00	0.00042
-13.00	50.00	0.00043	-11.00	50.00	0.00045
-9.00	50.00	0.00046	9.00	50.00	0.00055
11.00	50.00	0.00056	13.00	50.00	0.00057
15.00	50.00	0.00057	17.00	50.00	0.00058
20.00	50.00	0.00058	25.00	50.00	0.00059
30.00	50.00	0.00060	40.00	50.00	0.00064
50.00	50.00	0.00068	60.00	50.00	0.00071
70.00	50.00	0.00072	80.00	50.00	0.00071
90.00	50.00	0.00068	100.00	50.00	0.00064
-100.00	60.00	0.00014	-90.00	60.00	0.00015
-80.00	60.00	0.00016	-70.00	60.00	0.00017
-60.00	60.00	0.00020	-50.00	60.00	0.00023
-40.00	60.00	0.00028	-30.00	60.00	0.00036
-25.00	60.00	0.00040	-20.00	60.00	0.00044
-17.00	60.00	0.00046	-15.00	60.00	0.00048
-13.00	60.00	0.00049	-11.00	60.00	0.00051
-9.00	60.00	0.00052	9.00	60.00	0.00064
11.00	60.00	0.00065	13.00	60.00	0.00066
15.00	60.00	0.00066	17.00	60.00	0.00067
20.00	60.00	0.00068	25.00	60.00	0.00069
30.00	60.00	0.00071	40.00	60.00	0.00076
50.00	60.00	0.00081	60.00	60.00	0.00083
70.00	60.00	0.00083	80.00	60.00	0.00080

90.00 60.00 07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound
 0.00075 100.00 60.00 0.00070

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

18:30:03
 **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	0.00016	-90.00	70.00	0.00017
-80.00	70.00	0.00018	-70.00	70.00	0.00019
-60.00	70.00	0.00021	-50.00	70.00	0.00025
-40.00	70.00	0.00030	-30.00	70.00	0.00038
-25.00	70.00	0.00043	-20.00	70.00	0.00049
-17.00	70.00	0.00052	-15.00	70.00	0.00054
-13.00	70.00	0.00056	-11.00	70.00	0.00058
-9.00	70.00	0.00060	9.00	70.00	0.00075
11.00	70.00	0.00076	13.00	70.00	0.00077
15.00	70.00	0.00078	17.00	70.00	0.00079
20.00	70.00	0.00080	25.00	70.00	0.00082
30.00	70.00	0.00085	40.00	70.00	0.00092
50.00	70.00	0.00097	60.00	70.00	0.00097
70.00	70.00	0.00094	80.00	70.00	0.00088
90.00	70.00	0.00082	100.00	70.00	0.00075
-100.00	80.00	0.00017	-90.00	80.00	0.00019
-80.00	80.00	0.00020	-70.00	80.00	0.00022
-60.00	80.00	0.00024	-50.00	80.00	0.00027
-40.00	80.00	0.00032	-30.00	80.00	0.00041
-25.00	80.00	0.00047	-20.00	80.00	0.00054
-17.00	80.00	0.00058	-15.00	80.00	0.00061
-13.00	80.00	0.00064	-11.00	80.00	0.00066
-9.00	80.00	0.00069	9.00	80.00	0.00089
11.00	80.00	0.00090	13.00	80.00	0.00092
15.00	80.00	0.00093	17.00	80.00	0.00094
20.00	80.00	0.00096	25.00	80.00	0.00100
30.00	80.00	0.00104	40.00	80.00	0.00113
50.00	80.00	0.00115	60.00	80.00	0.00112
70.00	80.00	0.00106	80.00	80.00	0.00097
90.00	80.00	0.00089	100.00	80.00	0.00080
-100.00	90.00	0.00019	-90.00	90.00	0.00020
-80.00	90.00	0.00022	-70.00	90.00	0.00024
-60.00	90.00	0.00027	-50.00	90.00	0.00030

		07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound			
-40.00	90.00	0.00035	-30.00	90.00	0.00045
-25.00	90.00	0.00051	-20.00	90.00	0.00059
-17.00	90.00	0.00065	-15.00	90.00	0.00069
-13.00	90.00	0.00072	-11.00	90.00	0.00076
-9.00	90.00	0.00079	9.00	90.00	0.00107
11.00	90.00	0.00109	13.00	90.00	0.00111
15.00	90.00	0.00112	17.00	90.00	0.00114

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

*** 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	0.00118	25.00	90.00	0.00124
30.00	90.00	0.00130	40.00	90.00	0.00138
50.00	90.00	0.00136	60.00	90.00	0.00128
70.00	90.00	0.00118	80.00	90.00	0.00106
90.00	90.00	0.00095	100.00	90.00	0.00085
-100.00	100.00	0.00020	-90.00	100.00	0.00022
-80.00	100.00	0.00024	-70.00	100.00	0.00027
-60.00	100.00	0.00030	-50.00	100.00	0.00034
-40.00	100.00	0.00039	-30.00	100.00	0.00048
-25.00	100.00	0.00055	-20.00	100.00	0.00065
-17.00	100.00	0.00072	-15.00	100.00	0.00076
-13.00	100.00	0.00081	-11.00	100.00	0.00087
-9.00	100.00	0.00092	9.00	100.00	0.00130
11.00	100.00	0.00133	13.00	100.00	0.00136
15.00	100.00	0.00140	17.00	100.00	0.00143
20.00	100.00	0.00149	25.00	100.00	0.00158
30.00	100.00	0.00165	40.00	100.00	0.00166
50.00	100.00	0.00157	60.00	100.00	0.00144
70.00	100.00	0.00130	80.00	100.00	0.00115
90.00	100.00	0.00102	100.00	100.00	0.00090
-100.00	110.00	0.00021	-90.00	110.00	0.00023
-80.00	110.00	0.00026	-70.00	110.00	0.00030
-60.00	110.00	0.00034	-50.00	110.00	0.00039
-40.00	110.00	0.00045	-30.00	110.00	0.00054
-25.00	110.00	0.00061	-20.00	110.00	0.00070
-17.00	110.00	0.00078	-15.00	110.00	0.00084
-13.00	110.00	0.00090	-11.00	110.00	0.00097

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-9.00	110.00	0.00105	9.00	110.00	0.00164	
11.00	110.00	0.00169	13.00	110.00	0.00175	
15.00	110.00	0.00181	17.00	110.00	0.00187	
20.00	110.00	0.00195	25.00	110.00	0.00202	
30.00	110.00	0.00204	40.00	110.00	0.00196	
50.00	110.00	0.00180	60.00	110.00	0.00161	
70.00	110.00	0.00142	80.00	110.00	0.00124	
90.00	110.00	0.00108	100.00	110.00	0.00094	
-100.00	120.00	0.00022	-90.00	120.00	0.00025	
-80.00	120.00	0.00028	-70.00	120.00	0.00032	
-60.00	120.00	0.00037	-50.00	120.00	0.00042	
-40.00	120.00	0.00050	-30.00	120.00	0.00061	
-25.00	120.00	0.00068	-20.00	120.00	0.00078	

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

*** 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	0.00086	-15.00	120.00	0.00092	
-13.00	120.00	0.00099	-11.00	120.00	0.00107	
-9.00	120.00	0.00117	9.00	120.00	0.00218	
11.00	120.00	0.00228	13.00	120.00	0.00236	
15.00	120.00	0.00243	17.00	120.00	0.00248	
20.00	120.00	0.00251	25.00	120.00	0.00251	
30.00	120.00	0.00246	40.00	120.00	0.00227	
50.00	120.00	0.00202	60.00	120.00	0.00176	
70.00	120.00	0.00152	80.00	120.00	0.00131	
90.00	120.00	0.00113	100.00	120.00	0.00098	
-100.00	130.00	0.00023	-90.00	130.00	0.00026	
-80.00	130.00	0.00030	-70.00	130.00	0.00035	
-60.00	130.00	0.00040	-50.00	130.00	0.00046	
-40.00	130.00	0.00055	-30.00	130.00	0.00067	
-25.00	130.00	0.00075	-20.00	130.00	0.00087	
-17.00	130.00	0.00095	-15.00	130.00	0.00102	
-13.00	130.00	0.00111	-11.00	130.00	0.00121	
-9.00	130.00	0.00132	9.00	130.00	0.00313	
11.00	130.00	0.00316	13.00	130.00	0.00318	
15.00	130.00	0.00317	17.00	130.00	0.00316	
20.00	130.00	0.00311	25.00	130.00	0.00301	

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
30.00	130.00	0.00287	40.00	130.00	0.00255	
50.00	130.00	0.00222	60.00	130.00	0.00189	
70.00	130.00	0.00161	80.00	130.00	0.00137	
90.00	130.00	0.00117	100.00	130.00	0.00101	
-100.00	140.00	0.00024	-90.00	140.00	0.00028	
-80.00	140.00	0.00032	-70.00	140.00	0.00038	
-60.00	140.00	0.00044	-50.00	140.00	0.00051	
-40.00	140.00	0.00060	-30.00	140.00	0.00073	
-25.00	140.00	0.00083	-20.00	140.00	0.00095	
-17.00	140.00	0.00106	-15.00	140.00	0.00114	
-13.00	140.00	0.00124	-11.00	140.00	0.00137	
-9.00	140.00	0.00155	9.00	140.00	0.00434	
11.00	140.00	0.00416	13.00	140.00	0.00402	
15.00	140.00	0.00392	17.00	140.00	0.00382	
20.00	140.00	0.00369	25.00	140.00	0.00347	
30.00	140.00	0.00325	40.00	140.00	0.00281	
50.00	140.00	0.00238	60.00	140.00	0.00200	
70.00	140.00	0.00168	80.00	140.00	0.00142	
90.00	140.00	0.00120	100.00	140.00	0.00103	

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

*** 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	0.00025	-90.00	150.00	0.00029
-80.00	150.00	0.00034	-70.00	150.00	0.00040
-60.00	150.00	0.00047	-50.00	150.00	0.00055
-40.00	150.00	0.00066	-30.00	150.00	0.00080
-25.00	150.00	0.00092	-20.00	150.00	0.00111
-17.00	150.00	0.00131	-15.00	150.00	0.00149
-13.00	150.00	0.00175	-11.00	150.00	0.00211
-9.00	150.00	0.00263	9.00	150.00	0.00568
11.00	150.00	0.00533	13.00	150.00	0.00506
15.00	150.00	0.00483	17.00	150.00	0.00463
20.00	150.00	0.00436	25.00	150.00	0.00398
30.00	150.00	0.00364	40.00	150.00	0.00304
50.00	150.00	0.00252	60.00	150.00	0.00208
70.00	150.00	0.00173	80.00	150.00	0.00145
90.00	150.00	0.00123	100.00	150.00	0.00105

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-100.00	160.00	0.00025	-90.00	160.00	0.00029	
-80.00	160.00	0.00035	-70.00	160.00	0.00041	
-60.00	160.00	0.00049	-50.00	160.00	0.00059	
-40.00	160.00	0.00073	-30.00	160.00	0.00097	
-25.00	160.00	0.00121	-20.00	160.00	0.00162	
-17.00	160.00	0.00202	-15.00	160.00	0.00236	
-13.00	160.00	0.00279	-11.00	160.00	0.00332	
-9.00	160.00	0.00398	9.00	160.00	0.00669	
11.00	160.00	0.00625	13.00	160.00	0.00590	
15.00	160.00	0.00561	17.00	160.00	0.00535	
20.00	160.00	0.00500	25.00	160.00	0.00449	
30.00	160.00	0.00403	40.00	160.00	0.00325	
50.00	160.00	0.00263	60.00	160.00	0.00214	
70.00	160.00	0.00176	80.00	160.00	0.00147	
90.00	160.00	0.00124	100.00	160.00	0.00106	
-100.00	170.00	0.00025	-90.00	170.00	0.00030	
-80.00	170.00	0.00035	-70.00	170.00	0.00042	
-60.00	170.00	0.00052	-50.00	170.00	0.00066	
-40.00	170.00	0.00088	-30.00	170.00	0.00131	
-25.00	170.00	0.00172	-20.00	170.00	0.00233	
-17.00	170.00	0.00285	-15.00	170.00	0.00327	
-13.00	170.00	0.00376	-11.00	170.00	0.00435	
-9.00	170.00	0.00505	9.00	170.00	0.00742	
11.00	170.00	0.00691	13.00	170.00	0.00651	
15.00	170.00	0.00616	17.00	170.00	0.00586	

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	170.00	0.00545	25.00	170.00	0.00485
30.00	170.00	0.00432	40.00	170.00	0.00340
50.00	170.00	0.00270	60.00	170.00	0.00218
70.00	170.00	0.00178	80.00	170.00	0.00148
90.00	170.00	0.00125	100.00	170.00	0.00106
-100.00	180.00	0.00026	-90.00	180.00	0.00030
-80.00	180.00	0.00036	-70.00	180.00	0.00045
-60.00	180.00	0.00057	-50.00	180.00	0.00077
-40.00	180.00	0.00111	-30.00	180.00	0.00175

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-25.00	180.00	0.00227	-20.00	180.00	0.00300
-17.00	180.00	0.00356	-15.00	180.00	0.00401
-13.00	180.00	0.00452	-11.00	180.00	0.00512
-9.00	180.00	0.00583	9.00	180.00	0.00793
11.00	180.00	0.00737	13.00	180.00	0.00691
15.00	180.00	0.00652	17.00	180.00	0.00618
20.00	180.00	0.00571	25.00	180.00	0.00503
30.00	180.00	0.00443	40.00	180.00	0.00346
50.00	180.00	0.00274	60.00	180.00	0.00220
70.00	180.00	0.00179	80.00	180.00	0.00148
90.00	180.00	0.00124	100.00	180.00	0.00105
-100.00	190.00	0.00026	-90.00	190.00	0.00032
-80.00	190.00	0.00039	-70.00	190.00	0.00049
-60.00	190.00	0.00065	-50.00	190.00	0.00091
-40.00	190.00	0.00137	-30.00	190.00	0.00217
-25.00	190.00	0.00277	-20.00	190.00	0.00355
-17.00	190.00	0.00413	-15.00	190.00	0.00458
-13.00	190.00	0.00509	-11.00	190.00	0.00568
-9.00	190.00	0.00639	9.00	190.00	0.00825
11.00	190.00	0.00763	13.00	190.00	0.00713
15.00	190.00	0.00670	17.00	190.00	0.00631
20.00	190.00	0.00578	25.00	190.00	0.00503
30.00	190.00	0.00439	40.00	190.00	0.00342
50.00	190.00	0.00272	60.00	190.00	0.00219
70.00	190.00	0.00178	80.00	190.00	0.00147
90.00	190.00	0.00123	100.00	190.00	0.00104
-100.00	200.00	0.00028	-90.00	200.00	0.00034
-80.00	200.00	0.00042	-70.00	200.00	0.00055
-60.00	200.00	0.00075	-50.00	200.00	0.00108
-40.00	200.00	0.00163	-30.00	200.00	0.00253
-25.00	200.00	0.00317	-20.00	200.00	0.00398

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	0.00457	-15.00	200.00	0.00502
-13.00	200.00	0.00552	-11.00	200.00	0.00609
-9.00	200.00	0.00678	9.00	200.00	0.00834

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00767	13.00	200.00	0.00712
15.00	200.00	0.00664	17.00	200.00	0.00621
20.00	200.00	0.00564	25.00	200.00	0.00485
30.00	200.00	0.00424	40.00	200.00	0.00331
50.00	200.00	0.00265	60.00	200.00	0.00214
70.00	200.00	0.00175	80.00	200.00	0.00145
90.00	200.00	0.00121	100.00	200.00	0.00103
-100.00	210.00	0.00030	-90.00	210.00	0.00037
-80.00	210.00	0.00048	-70.00	210.00	0.00063
-60.00	210.00	0.00088	-50.00	210.00	0.00126
-40.00	210.00	0.00186	-30.00	210.00	0.00281
-25.00	210.00	0.00347	-20.00	210.00	0.00429
-17.00	210.00	0.00489	-15.00	210.00	0.00534
-13.00	210.00	0.00583	-11.00	210.00	0.00639
-9.00	210.00	0.00705	9.00	210.00	0.00814
11.00	210.00	0.00740	13.00	210.00	0.00680
15.00	210.00	0.00630	17.00	210.00	0.00587
20.00	210.00	0.00532	25.00	210.00	0.00458
30.00	210.00	0.00400	40.00	210.00	0.00314
50.00	210.00	0.00253	60.00	210.00	0.00206
70.00	210.00	0.00170	80.00	210.00	0.00141
90.00	210.00	0.00119	100.00	210.00	0.00101
-100.00	220.00	0.00032	-90.00	220.00	0.00041
-80.00	220.00	0.00053	-70.00	220.00	0.00072
-60.00	220.00	0.00100	-50.00	220.00	0.00143
-40.00	220.00	0.00207	-30.00	220.00	0.00304
-25.00	220.00	0.00370	-20.00	220.00	0.00452
-17.00	220.00	0.00510	-15.00	220.00	0.00553
-13.00	220.00	0.00602	-11.00	220.00	0.00657
-9.00	220.00	0.00720	9.00	220.00	0.00745
11.00	220.00	0.00676	13.00	220.00	0.00621
15.00	220.00	0.00576	17.00	220.00	0.00539
20.00	220.00	0.00490	25.00	220.00	0.00424
30.00	220.00	0.00372	40.00	220.00	0.00295
50.00	220.00	0.00239	60.00	220.00	0.00197
70.00	220.00	0.00163	80.00	220.00	0.00137
90.00	220.00	0.00116	100.00	220.00	0.00099

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 ***

07NCRA_SR02-300_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	0.00035	-90.00	230.00	0.00045
-80.00	230.00	0.00060	-70.00	230.00	0.00081
-60.00	230.00	0.00112	-50.00	230.00	0.00157
-40.00	230.00	0.00224	-30.00	230.00	0.00321
-25.00	230.00	0.00387	-20.00	230.00	0.00467
-17.00	230.00	0.00524	-15.00	230.00	0.00566
-13.00	230.00	0.00612	-11.00	230.00	0.00663
-9.00	230.00	0.00720	9.00	230.00	0.00638
11.00	230.00	0.00594	13.00	230.00	0.00554
15.00	230.00	0.00518	17.00	230.00	0.00487
20.00	230.00	0.00445	25.00	230.00	0.00388
30.00	230.00	0.00343	40.00	230.00	0.00274
50.00	230.00	0.00223	60.00	230.00	0.00185
70.00	230.00	0.00156	80.00	230.00	0.00132
90.00	230.00	0.00112	100.00	230.00	0.00096
-100.00	240.00	0.00039	-90.00	240.00	0.00051
-80.00	240.00	0.00067	-70.00	240.00	0.00090
-60.00	240.00	0.00123	-50.00	240.00	0.00170
-40.00	240.00	0.00238	-30.00	240.00	0.00334
-25.00	240.00	0.00397	-20.00	240.00	0.00470
-17.00	240.00	0.00517	-15.00	240.00	0.00549
-13.00	240.00	0.00579	-11.00	240.00	0.00607
-9.00	240.00	0.00629	9.00	240.00	0.00511
11.00	240.00	0.00484	13.00	240.00	0.00459
15.00	240.00	0.00436	17.00	240.00	0.00414
20.00	240.00	0.00385	25.00	240.00	0.00343
30.00	240.00	0.00307	40.00	240.00	0.00250
50.00	240.00	0.00207	60.00	240.00	0.00173
70.00	240.00	0.00147	80.00	240.00	0.00125
90.00	240.00	0.00108	100.00	240.00	0.00093
-100.00	250.00	0.00043	-90.00	250.00	0.00056
-80.00	250.00	0.00074	-70.00	250.00	0.00099
-60.00	250.00	0.00133	-50.00	250.00	0.00181
-40.00	250.00	0.00246	-30.00	250.00	0.00333
-25.00	250.00	0.00383	-20.00	250.00	0.00433
-17.00	250.00	0.00460	-15.00	250.00	0.00475
-13.00	250.00	0.00487	-11.00	250.00	0.00497
-9.00	250.00	0.00504	9.00	250.00	0.00415
11.00	250.00	0.00396	13.00	250.00	0.00378
15.00	250.00	0.00361	17.00	250.00	0.00345

18:30:03
 **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	0.00323	25.00	250.00	0.00292
30.00	250.00	0.00266	40.00	250.00	0.00223
50.00	250.00	0.00188	60.00	250.00	0.00160
70.00	250.00	0.00137	80.00	250.00	0.00118
90.00	250.00	0.00103	100.00	250.00	0.00090

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

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

18:30:03
 **MODELOPTs:
 PAGE 43
 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	0.00005	-90.00	-250.00	0.00005
-80.00	-250.00	0.00006	-70.00	-250.00	0.00006
-60.00	-250.00	0.00007	-50.00	-250.00	0.00007
-40.00	-250.00	0.00007	-30.00	-250.00	0.00008
-25.00	-250.00	0.00008	-20.00	-250.00	0.00008
-17.00	-250.00	0.00008	-15.00	-250.00	0.00008
-13.00	-250.00	0.00008	-11.00	-250.00	0.00008
-9.00	-250.00	0.00008	9.00	-250.00	0.00009
11.00	-250.00	0.00009	13.00	-250.00	0.00009
15.00	-250.00	0.00009	17.00	-250.00	0.00009
20.00	-250.00	0.00009	25.00	-250.00	0.00009
30.00	-250.00	0.00010	40.00	-250.00	0.00010
50.00	-250.00	0.00010	60.00	-250.00	0.00010
70.00	-250.00	0.00010	80.00	-250.00	0.00010
90.00	-250.00	0.00010	100.00	-250.00	0.00010
-100.00	-240.00	0.00005	-90.00	-240.00	0.00006
-80.00	-240.00	0.00006	-70.00	-240.00	0.00006
-60.00	-240.00	0.00007	-50.00	-240.00	0.00007
-40.00	-240.00	0.00008	-30.00	-240.00	0.00008
-25.00	-240.00	0.00008	-20.00	-240.00	0.00008

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-17.00	-240.00	0.00009	-15.00	-240.00	0.00009
-13.00	-240.00	0.00009	-11.00	-240.00	0.00009
-9.00	-240.00	0.00009	9.00	-240.00	0.00010
11.00	-240.00	0.00010	13.00	-240.00	0.00010
15.00	-240.00	0.00010	17.00	-240.00	0.00010
20.00	-240.00	0.00010	25.00	-240.00	0.00010
30.00	-240.00	0.00010	40.00	-240.00	0.00010
50.00	-240.00	0.00010	60.00	-240.00	0.00011
70.00	-240.00	0.00011	80.00	-240.00	0.00011
90.00	-240.00	0.00011	100.00	-240.00	0.00011
-100.00	-230.00	0.00005	-90.00	-230.00	0.00006
-80.00	-230.00	0.00006	-70.00	-230.00	0.00007
-60.00	-230.00	0.00007	-50.00	-230.00	0.00008
-40.00	-230.00	0.00008	-30.00	-230.00	0.00009
-25.00	-230.00	0.00009	-20.00	-230.00	0.00009
-17.00	-230.00	0.00009	-15.00	-230.00	0.00009
-13.00	-230.00	0.00009	-11.00	-230.00	0.00009
-9.00	-230.00	0.00009	9.00	-230.00	0.00010
11.00	-230.00	0.00010	13.00	-230.00	0.00010
15.00	-230.00	0.00010	17.00	-230.00	0.00010

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

18:30:03
 **MODELOPTs:
 PAGE 44
 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	-230.00	0.00010	25.00	-230.00	0.00011
30.00	-230.00	0.00011	40.00	-230.00	0.00011
50.00	-230.00	0.00011	60.00	-230.00	0.00011
70.00	-230.00	0.00011	80.00	-230.00	0.00011
90.00	-230.00	0.00011	100.00	-230.00	0.00012
-100.00	-220.00	0.00005	-90.00	-220.00	0.00006
-80.00	-220.00	0.00007	-70.00	-220.00	0.00007
-60.00	-220.00	0.00008	-50.00	-220.00	0.00008
-40.00	-220.00	0.00009	-30.00	-220.00	0.00009
-25.00	-220.00	0.00009	-20.00	-220.00	0.00009
-17.00	-220.00	0.00010	-15.00	-220.00	0.00010
-13.00	-220.00	0.00010	-11.00	-220.00	0.00010
-9.00	-220.00	0.00010	9.00	-220.00	0.00011
11.00	-220.00	0.00011	13.00	-220.00	0.00011

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

15.00	-220.00	0.00011	17.00	-220.00	0.00011
20.00	-220.00	0.00011	25.00	-220.00	0.00011
30.00	-220.00	0.00011	40.00	-220.00	0.00012
50.00	-220.00	0.00012	60.00	-220.00	0.00012
70.00	-220.00	0.00012	80.00	-220.00	0.00012
90.00	-220.00	0.00012	100.00	-220.00	0.00012
-100.00	-210.00	0.00006	-90.00	-210.00	0.00006
-80.00	-210.00	0.00007	-70.00	-210.00	0.00007
-60.00	-210.00	0.00008	-50.00	-210.00	0.00008
-40.00	-210.00	0.00009	-30.00	-210.00	0.00009
-25.00	-210.00	0.00010	-20.00	-210.00	0.00010
-17.00	-210.00	0.00010	-15.00	-210.00	0.00010
-13.00	-210.00	0.00010	-11.00	-210.00	0.00010
-9.00	-210.00	0.00011	9.00	-210.00	0.00011
11.00	-210.00	0.00011	13.00	-210.00	0.00012
15.00	-210.00	0.00012	17.00	-210.00	0.00012
20.00	-210.00	0.00012	25.00	-210.00	0.00012
30.00	-210.00	0.00012	40.00	-210.00	0.00012
50.00	-210.00	0.00013	60.00	-210.00	0.00013
70.00	-210.00	0.00013	80.00	-210.00	0.00013
90.00	-210.00	0.00013	100.00	-210.00	0.00013
-100.00	-200.00	0.00006	-90.00	-200.00	0.00006
-80.00	-200.00	0.00007	-70.00	-200.00	0.00008
-60.00	-200.00	0.00008	-50.00	-200.00	0.00009
-40.00	-200.00	0.00009	-30.00	-200.00	0.00010
-25.00	-200.00	0.00010	-20.00	-200.00	0.00011

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

18:30:03
 **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	0.00011	-15.00	-200.00	0.00011
-13.00	-200.00	0.00011	-11.00	-200.00	0.00011
-9.00	-200.00	0.00011	9.00	-200.00	0.00012
11.00	-200.00	0.00012	13.00	-200.00	0.00012
15.00	-200.00	0.00012	17.00	-200.00	0.00012
20.00	-200.00	0.00013	25.00	-200.00	0.00013
30.00	-200.00	0.00013	40.00	-200.00	0.00013
50.00	-200.00	0.00013	60.00	-200.00	0.00013

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

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

18:30:03
 **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	0.00007
-80.00	-170.00	0.00008	-70.00	-170.00	0.00009

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

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

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

18:30:03
 **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 ,
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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	
20.00	-150.00	0.00018	25.00	-150.00	0.00018	
30.00	-150.00	0.00019	40.00	-150.00	0.00019	
50.00	-150.00	0.00019	60.00	-150.00	0.00019	
70.00	-150.00	0.00020	80.00	-150.00	0.00020	
90.00	-150.00	0.00021	100.00	-150.00	0.00022	
-100.00	-140.00	0.00007	-90.00	-140.00	0.00008	
-80.00	-140.00	0.00009	-70.00	-140.00	0.00010	
-60.00	-140.00	0.00011	-50.00	-140.00	0.00012	
-40.00	-140.00	0.00014	-30.00	-140.00	0.00015	
-25.00	-140.00	0.00015	-20.00	-140.00	0.00016	
-17.00	-140.00	0.00016	-15.00	-140.00	0.00016	
-13.00	-140.00	0.00017	-11.00	-140.00	0.00017	
-9.00	-140.00	0.00017	9.00	-140.00	0.00019	
11.00	-140.00	0.00019	13.00	-140.00	0.00019	
15.00	-140.00	0.00019	17.00	-140.00	0.00019	
20.00	-140.00	0.00020	25.00	-140.00	0.00020	
30.00	-140.00	0.00020	40.00	-140.00	0.00020	
50.00	-140.00	0.00021	60.00	-140.00	0.00021	
70.00	-140.00	0.00021	80.00	-140.00	0.00022	
90.00	-140.00	0.00023	100.00	-140.00	0.00024	
-100.00	-130.00	0.00007	-90.00	-130.00	0.00008	
-80.00	-130.00	0.00009	-70.00	-130.00	0.00010	
-60.00	-130.00	0.00012	-50.00	-130.00	0.00013	
-40.00	-130.00	0.00014	-30.00	-130.00	0.00016	
-25.00	-130.00	0.00016	-20.00	-130.00	0.00017	
-17.00	-130.00	0.00017	-15.00	-130.00	0.00018	
-13.00	-130.00	0.00018	-11.00	-130.00	0.00018	
-9.00	-130.00	0.00018	9.00	-130.00	0.00020	
11.00	-130.00	0.00021	13.00	-130.00	0.00021	
15.00	-130.00	0.00021	17.00	-130.00	0.00021	
20.00	-130.00	0.00021	25.00	-130.00	0.00022	
30.00	-130.00	0.00022	40.00	-130.00	0.00022	
50.00	-130.00	0.00022	60.00	-130.00	0.00023	
70.00	-130.00	0.00024	80.00	-130.00	0.00024	
90.00	-130.00	0.00025	100.00	-130.00	0.00026	
-100.00	-120.00	0.00007	-90.00	-120.00	0.00008	
-80.00	-120.00	0.00009	-70.00	-120.00	0.00011	
-60.00	-120.00	0.00012	-50.00	-120.00	0.00014	
-40.00	-120.00	0.00015	-30.00	-120.00	0.00017	
-25.00	-120.00	0.00018	-20.00	-120.00	0.00018	

18:30:03
 **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	0.00019	-15.00	-120.00	0.00019
-13.00	-120.00	0.00019	-11.00	-120.00	0.00020
-9.00	-120.00	0.00020	9.00	-120.00	0.00022
11.00	-120.00	0.00022	13.00	-120.00	0.00023
15.00	-120.00	0.00023	17.00	-120.00	0.00023
20.00	-120.00	0.00023	25.00	-120.00	0.00024
30.00	-120.00	0.00024	40.00	-120.00	0.00024
50.00	-120.00	0.00025	60.00	-120.00	0.00025
70.00	-120.00	0.00026	80.00	-120.00	0.00027
90.00	-120.00	0.00028	100.00	-120.00	0.00029
-100.00	-110.00	0.00008	-90.00	-110.00	0.00009
-80.00	-110.00	0.00010	-70.00	-110.00	0.00011
-60.00	-110.00	0.00013	-50.00	-110.00	0.00015
-40.00	-110.00	0.00017	-30.00	-110.00	0.00018
-25.00	-110.00	0.00019	-20.00	-110.00	0.00020
-17.00	-110.00	0.00020	-15.00	-110.00	0.00021
-13.00	-110.00	0.00021	-11.00	-110.00	0.00021
-9.00	-110.00	0.00022	9.00	-110.00	0.00024
11.00	-110.00	0.00025	13.00	-110.00	0.00025
15.00	-110.00	0.00025	17.00	-110.00	0.00025
20.00	-110.00	0.00026	25.00	-110.00	0.00026
30.00	-110.00	0.00026	40.00	-110.00	0.00027
50.00	-110.00	0.00027	60.00	-110.00	0.00028
70.00	-110.00	0.00029	80.00	-110.00	0.00030
90.00	-110.00	0.00031	100.00	-110.00	0.00032
-100.00	-100.00	0.00008	-90.00	-100.00	0.00009
-80.00	-100.00	0.00010	-70.00	-100.00	0.00012
-60.00	-100.00	0.00013	-50.00	-100.00	0.00016
-40.00	-100.00	0.00018	-30.00	-100.00	0.00020
-25.00	-100.00	0.00021	-20.00	-100.00	0.00022
-17.00	-100.00	0.00022	-15.00	-100.00	0.00023
-13.00	-100.00	0.00023	-11.00	-100.00	0.00023
-9.00	-100.00	0.00024	9.00	-100.00	0.00027
11.00	-100.00	0.00027	13.00	-100.00	0.00028

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
15.00	-100.00	0.00028	17.00	-100.00	0.00028	
20.00	-100.00	0.00028	25.00	-100.00	0.00029	
30.00	-100.00	0.00029	40.00	-100.00	0.00029	
50.00	-100.00	0.00030	60.00	-100.00	0.00031	
70.00	-100.00	0.00032	80.00	-100.00	0.00034	
90.00	-100.00	0.00035	100.00	-100.00	0.00036	

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

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

18:30:03

**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	0.00009	-90.00	-90.00	0.00009
-80.00	-90.00	0.00011	-70.00	-90.00	0.00012
-60.00	-90.00	0.00014	-50.00	-90.00	0.00016
-40.00	-90.00	0.00019	-30.00	-90.00	0.00021
-25.00	-90.00	0.00023	-20.00	-90.00	0.00024
-17.00	-90.00	0.00024	-15.00	-90.00	0.00025
-13.00	-90.00	0.00025	-11.00	-90.00	0.00026
-9.00	-90.00	0.00026	9.00	-90.00	0.00030
11.00	-90.00	0.00030	13.00	-90.00	0.00031
15.00	-90.00	0.00031	17.00	-90.00	0.00031
20.00	-90.00	0.00031	25.00	-90.00	0.00032
30.00	-90.00	0.00032	40.00	-90.00	0.00033
50.00	-90.00	0.00034	60.00	-90.00	0.00035
70.00	-90.00	0.00037	80.00	-90.00	0.00038
90.00	-90.00	0.00039	100.00	-90.00	0.00040
-100.00	-80.00	0.00009	-90.00	-80.00	0.00010
-80.00	-80.00	0.00011	-70.00	-80.00	0.00013
-60.00	-80.00	0.00015	-50.00	-80.00	0.00017
-40.00	-80.00	0.00020	-30.00	-80.00	0.00023
-25.00	-80.00	0.00025	-20.00	-80.00	0.00026
-17.00	-80.00	0.00027	-15.00	-80.00	0.00027
-13.00	-80.00	0.00028	-11.00	-80.00	0.00028
-9.00	-80.00	0.00029	9.00	-80.00	0.00033
11.00	-80.00	0.00034	13.00	-80.00	0.00034
15.00	-80.00	0.00034	17.00	-80.00	0.00035
20.00	-80.00	0.00035	25.00	-80.00	0.00036
30.00	-80.00	0.00036	40.00	-80.00	0.00037
50.00	-80.00	0.00038	60.00	-80.00	0.00040

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
70.00	-80.00	0.00042	80.00	-80.00	0.00043	
90.00	-80.00	0.00044	100.00	-80.00	0.00044	
-100.00	-70.00	0.00010	-90.00	-70.00	0.00010	
-80.00	-70.00	0.00012	-70.00	-70.00	0.00013	
-60.00	-70.00	0.00016	-50.00	-70.00	0.00018	
-40.00	-70.00	0.00022	-30.00	-70.00	0.00025	
-25.00	-70.00	0.00027	-20.00	-70.00	0.00029	
-17.00	-70.00	0.00030	-15.00	-70.00	0.00030	
-13.00	-70.00	0.00031	-11.00	-70.00	0.00032	
-9.00	-70.00	0.00032	9.00	-70.00	0.00037	
11.00	-70.00	0.00038	13.00	-70.00	0.00038	
15.00	-70.00	0.00039	17.00	-70.00	0.00039	

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

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

18:30:03

**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	-70.00	0.00039	25.00	-70.00	0.00040
30.00	-70.00	0.00040	40.00	-70.00	0.00041
50.00	-70.00	0.00043	60.00	-70.00	0.00045
70.00	-70.00	0.00048	80.00	-70.00	0.00049
90.00	-70.00	0.00050	100.00	-70.00	0.00049
-100.00	-60.00	0.00010	-90.00	-60.00	0.00011
-80.00	-60.00	0.00012	-70.00	-60.00	0.00014
-60.00	-60.00	0.00016	-50.00	-60.00	0.00019
-40.00	-60.00	0.00023	-30.00	-60.00	0.00028
-25.00	-60.00	0.00030	-20.00	-60.00	0.00032
-17.00	-60.00	0.00033	-15.00	-60.00	0.00034
-13.00	-60.00	0.00034	-11.00	-60.00	0.00035
-9.00	-60.00	0.00036	9.00	-60.00	0.00042
11.00	-60.00	0.00043	13.00	-60.00	0.00043
15.00	-60.00	0.00044	17.00	-60.00	0.00044
20.00	-60.00	0.00045	25.00	-60.00	0.00045
30.00	-60.00	0.00046	40.00	-60.00	0.00047
50.00	-60.00	0.00050	60.00	-60.00	0.00052
70.00	-60.00	0.00055	80.00	-60.00	0.00056
90.00	-60.00	0.00055	100.00	-60.00	0.00054
-100.00	-50.00	0.00011	-90.00	-50.00	0.00012
-80.00	-50.00	0.00013	-70.00	-50.00	0.00015

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-60.00	-50.00	0.00017	-50.00	-50.00	0.00021	
-40.00	-50.00	0.00025	-30.00	-50.00	0.00030	
-25.00	-50.00	0.00033	-20.00	-50.00	0.00035	
-17.00	-50.00	0.00037	-15.00	-50.00	0.00038	
-13.00	-50.00	0.00039	-11.00	-50.00	0.00039	
-9.00	-50.00	0.00040	9.00	-50.00	0.00048	
11.00	-50.00	0.00049	13.00	-50.00	0.00049	
15.00	-50.00	0.00050	17.00	-50.00	0.00050	
20.00	-50.00	0.00051	25.00	-50.00	0.00051	
30.00	-50.00	0.00052	40.00	-50.00	0.00054	
50.00	-50.00	0.00058	60.00	-50.00	0.00061	
70.00	-50.00	0.00063	80.00	-50.00	0.00063	
90.00	-50.00	0.00062	100.00	-50.00	0.00059	
-100.00	-40.00	0.00013	-90.00	-40.00	0.00013	
-80.00	-40.00	0.00014	-70.00	-40.00	0.00016	
-60.00	-40.00	0.00018	-50.00	-40.00	0.00022	
-40.00	-40.00	0.00027	-30.00	-40.00	0.00033	
-25.00	-40.00	0.00036	-20.00	-40.00	0.00039	

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

18:30:03

**MODELOPTs:

PAGE 51

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
-17.00	-40.00	0.00041	-15.00	-40.00	0.00042
-13.00	-40.00	0.00043	-11.00	-40.00	0.00045
-9.00	-40.00	0.00046	9.00	-40.00	0.00055
11.00	-40.00	0.00056	13.00	-40.00	0.00057
15.00	-40.00	0.00057	17.00	-40.00	0.00058
20.00	-40.00	0.00058	25.00	-40.00	0.00059
30.00	-40.00	0.00060	40.00	-40.00	0.00064
50.00	-40.00	0.00068	60.00	-40.00	0.00071
70.00	-40.00	0.00072	80.00	-40.00	0.00071
90.00	-40.00	0.00068	100.00	-40.00	0.00064
-100.00	-30.00	0.00014	-90.00	-30.00	0.00015
-80.00	-30.00	0.00016	-70.00	-30.00	0.00017
-60.00	-30.00	0.00020	-50.00	-30.00	0.00023
-40.00	-30.00	0.00028	-30.00	-30.00	0.00036
-25.00	-30.00	0.00040	-20.00	-30.00	0.00044
-17.00	-30.00	0.00046	-15.00	-30.00	0.00048

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-13.00	-30.00	0.00049	-11.00	-30.00	0.00051
-9.00	-30.00	0.00052	9.00	-30.00	0.00064
11.00	-30.00	0.00065	13.00	-30.00	0.00066
15.00	-30.00	0.00066	17.00	-30.00	0.00067
20.00	-30.00	0.00068	25.00	-30.00	0.00069
30.00	-30.00	0.00071	40.00	-30.00	0.00076
50.00	-30.00	0.00081	60.00	-30.00	0.00083
70.00	-30.00	0.00083	80.00	-30.00	0.00080
90.00	-30.00	0.00075	100.00	-30.00	0.00070
-100.00	-20.00	0.00016	-90.00	-20.00	0.00017
-80.00	-20.00	0.00018	-70.00	-20.00	0.00019
-60.00	-20.00	0.00021	-50.00	-20.00	0.00025
-40.00	-20.00	0.00030	-30.00	-20.00	0.00038
-25.00	-20.00	0.00043	-20.00	-20.00	0.00049
-17.00	-20.00	0.00052	-15.00	-20.00	0.00054
-13.00	-20.00	0.00056	-11.00	-20.00	0.00058
-9.00	-20.00	0.00060	9.00	-20.00	0.00075
11.00	-20.00	0.00076	13.00	-20.00	0.00077
15.00	-20.00	0.00078	17.00	-20.00	0.00079
20.00	-20.00	0.00080	25.00	-20.00	0.00082
30.00	-20.00	0.00085	40.00	-20.00	0.00092
50.00	-20.00	0.00097	60.00	-20.00	0.00097
70.00	-20.00	0.00094	80.00	-20.00	0.00088
90.00	-20.00	0.00082	100.00	-20.00	0.00075

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

18:30:03

**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	0.00017	-90.00	-10.00	0.00019
-80.00	-10.00	0.00020	-70.00	-10.00	0.00022
-60.00	-10.00	0.00024	-50.00	-10.00	0.00027
-40.00	-10.00	0.00032	-30.00	-10.00	0.00041
-25.00	-10.00	0.00047	-20.00	-10.00	0.00054
-17.00	-10.00	0.00058	-15.00	-10.00	0.00061
-13.00	-10.00	0.00064	-11.00	-10.00	0.00066
-9.00	-10.00	0.00069	9.00	-10.00	0.00089
11.00	-10.00	0.00090	13.00	-10.00	0.00092
15.00	-10.00	0.00093	17.00	-10.00	0.00094

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00096	25.00	-10.00	0.00100
30.00	-10.00	0.00104	40.00	-10.00	0.00113
50.00	-10.00	0.00115	60.00	-10.00	0.00112
70.00	-10.00	0.00106	80.00	-10.00	0.00097
90.00	-10.00	0.00089	100.00	-10.00	0.00080
-100.00	0.00	0.00019	-90.00	0.00	0.00020
-80.00	0.00	0.00022	-70.00	0.00	0.00024
-60.00	0.00	0.00027	-50.00	0.00	0.00030
-40.00	0.00	0.00035	-30.00	0.00	0.00045
-25.00	0.00	0.00051	-20.00	0.00	0.00059
-17.00	0.00	0.00065	-15.00	0.00	0.00069
-13.00	0.00	0.00072	-11.00	0.00	0.00076
-9.00	0.00	0.00079	9.00	0.00	0.00107
11.00	0.00	0.00109	13.00	0.00	0.00111
15.00	0.00	0.00112	17.00	0.00	0.00114
20.00	0.00	0.00118	25.00	0.00	0.00124
30.00	0.00	0.00130	40.00	0.00	0.00138
50.00	0.00	0.00136	60.00	0.00	0.00128
70.00	0.00	0.00118	80.00	0.00	0.00106
90.00	0.00	0.00095	100.00	0.00	0.00085
-100.00	10.00	0.00020	-90.00	10.00	0.00022
-80.00	10.00	0.00024	-70.00	10.00	0.00027
-60.00	10.00	0.00030	-50.00	10.00	0.00034
-40.00	10.00	0.00039	-30.00	10.00	0.00048
-25.00	10.00	0.00055	-20.00	10.00	0.00065
-17.00	10.00	0.00072	-15.00	10.00	0.00076
-13.00	10.00	0.00081	-11.00	10.00	0.00087
-9.00	10.00	0.00092	9.00	10.00	0.00130
11.00	10.00	0.00133	13.00	10.00	0.00136
15.00	10.00	0.00140	17.00	10.00	0.00143

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

04/18/08

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

18:30:03
**MODELOPTs:
PAGE 53

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	0.00149	25.00	10.00	0.00158
30.00	10.00	0.00165	40.00	10.00	0.00166
50.00	10.00	0.00157	60.00	10.00	0.00144
70.00	10.00	0.00130	80.00	10.00	0.00115

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

90.00	10.00	0.00102	100.00	10.00	0.00090
-100.00	20.00	0.00021	-90.00	20.00	0.00023
-80.00	20.00	0.00026	-70.00	20.00	0.00030
-60.00	20.00	0.00034	-50.00	20.00	0.00039
-40.00	20.00	0.00045	-30.00	20.00	0.00054
-25.00	20.00	0.00061	-20.00	20.00	0.00070
-17.00	20.00	0.00078	-15.00	20.00	0.00084
-13.00	20.00	0.00090	-11.00	20.00	0.00097
-9.00	20.00	0.00105	9.00	20.00	0.00164
11.00	20.00	0.00169	13.00	20.00	0.00175
15.00	20.00	0.00181	17.00	20.00	0.00187
20.00	20.00	0.00195	25.00	20.00	0.00202
30.00	20.00	0.00204	40.00	20.00	0.00196
50.00	20.00	0.00180	60.00	20.00	0.00161
70.00	20.00	0.00142	80.00	20.00	0.00124
90.00	20.00	0.00108	100.00	20.00	0.00094
-100.00	30.00	0.00022	-90.00	30.00	0.00025
-80.00	30.00	0.00028	-70.00	30.00	0.00032
-60.00	30.00	0.00037	-50.00	30.00	0.00042
-40.00	30.00	0.00050	-30.00	30.00	0.00061
-25.00	30.00	0.00068	-20.00	30.00	0.00078
-17.00	30.00	0.00086	-15.00	30.00	0.00092
-13.00	30.00	0.00099	-11.00	30.00	0.00107
-9.00	30.00	0.00117	9.00	30.00	0.00218
11.00	30.00	0.00228	13.00	30.00	0.00236
15.00	30.00	0.00243	17.00	30.00	0.00248
20.00	30.00	0.00251	25.00	30.00	0.00251
30.00	30.00	0.00246	40.00	30.00	0.00227
50.00	30.00	0.00202	60.00	30.00	0.00176
70.00	30.00	0.00152	80.00	30.00	0.00131
90.00	30.00	0.00113	100.00	30.00	0.00098
-100.00	40.00	0.00023	-90.00	40.00	0.00026
-80.00	40.00	0.00030	-70.00	40.00	0.00035
-60.00	40.00	0.00040	-50.00	40.00	0.00046
-40.00	40.00	0.00055	-30.00	40.00	0.00067
-25.00	40.00	0.00075	-20.00	40.00	0.00087

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

18:30:03
 **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 **

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00095	-15.00	40.00	0.00102
-13.00	40.00	0.00111	-11.00	40.00	0.00121
-9.00	40.00	0.00132	9.00	40.00	0.00313
11.00	40.00	0.00316	13.00	40.00	0.00318
15.00	40.00	0.00317	17.00	40.00	0.00316
20.00	40.00	0.00311	25.00	40.00	0.00301
30.00	40.00	0.00287	40.00	40.00	0.00255
50.00	40.00	0.00222	60.00	40.00	0.00189
70.00	40.00	0.00161	80.00	40.00	0.00137
90.00	40.00	0.00117	100.00	40.00	0.00101
-100.00	50.00	0.00024	-90.00	50.00	0.00028
-80.00	50.00	0.00032	-70.00	50.00	0.00038
-60.00	50.00	0.00044	-50.00	50.00	0.00051
-40.00	50.00	0.00060	-30.00	50.00	0.00073
-25.00	50.00	0.00083	-20.00	50.00	0.00095
-17.00	50.00	0.00106	-15.00	50.00	0.00114
-13.00	50.00	0.00124	-11.00	50.00	0.00137
-9.00	50.00	0.00155	9.00	50.00	0.00434
11.00	50.00	0.00416	13.00	50.00	0.00402
15.00	50.00	0.00392	17.00	50.00	0.00382
20.00	50.00	0.00369	25.00	50.00	0.00347
30.00	50.00	0.00325	40.00	50.00	0.00281
50.00	50.00	0.00238	60.00	50.00	0.00200
70.00	50.00	0.00168	80.00	50.00	0.00142
90.00	50.00	0.00120	100.00	50.00	0.00103
-100.00	60.00	0.00025	-90.00	60.00	0.00029
-80.00	60.00	0.00034	-70.00	60.00	0.00040
-60.00	60.00	0.00047	-50.00	60.00	0.00055
-40.00	60.00	0.00066	-30.00	60.00	0.00080
-25.00	60.00	0.00092	-20.00	60.00	0.00111
-17.00	60.00	0.00131	-15.00	60.00	0.00149
-13.00	60.00	0.00175	-11.00	60.00	0.00211
-9.00	60.00	0.00263	9.00	60.00	0.00568
11.00	60.00	0.00533	13.00	60.00	0.00506
15.00	60.00	0.00483	17.00	60.00	0.00463
20.00	60.00	0.00436	25.00	60.00	0.00398
30.00	60.00	0.00364	40.00	60.00	0.00304
50.00	60.00	0.00252	60.00	60.00	0.00208
70.00	60.00	0.00173	80.00	60.00	0.00145
90.00	60.00	0.00123	100.00	60.00	0.00105

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

*** NCRA Cumulative DPM Impacts

18:30:03

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

**MODELOPTs:
PAGE 55
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	0.00025	-90.00	70.00	0.00029
-80.00	70.00	0.00035	-70.00	70.00	0.00041
-60.00	70.00	0.00049	-50.00	70.00	0.00059
-40.00	70.00	0.00073	-30.00	70.00	0.00097
-25.00	70.00	0.00121	-20.00	70.00	0.00162
-17.00	70.00	0.00202	-15.00	70.00	0.00236
-13.00	70.00	0.00279	-11.00	70.00	0.00332
-9.00	70.00	0.00398	9.00	70.00	0.00669
11.00	70.00	0.00625	13.00	70.00	0.00590
15.00	70.00	0.00561	17.00	70.00	0.00535
20.00	70.00	0.00500	25.00	70.00	0.00449
30.00	70.00	0.00403	40.00	70.00	0.00325
50.00	70.00	0.00263	60.00	70.00	0.00214
70.00	70.00	0.00176	80.00	70.00	0.00147
90.00	70.00	0.00124	100.00	70.00	0.00106
-100.00	80.00	0.00025	-90.00	80.00	0.00030
-80.00	80.00	0.00035	-70.00	80.00	0.00042
-60.00	80.00	0.00052	-50.00	80.00	0.00066
-40.00	80.00	0.00088	-30.00	80.00	0.00131
-25.00	80.00	0.00172	-20.00	80.00	0.00233
-17.00	80.00	0.00285	-15.00	80.00	0.00327
-13.00	80.00	0.00376	-11.00	80.00	0.00435
-9.00	80.00	0.00505	9.00	80.00	0.00742
11.00	80.00	0.00691	13.00	80.00	0.00651
15.00	80.00	0.00616	17.00	80.00	0.00586
20.00	80.00	0.00545	25.00	80.00	0.00485
30.00	80.00	0.00432	40.00	80.00	0.00340
50.00	80.00	0.00270	60.00	80.00	0.00218
70.00	80.00	0.00178	80.00	80.00	0.00148
90.00	80.00	0.00125	100.00	80.00	0.00106
-100.00	90.00	0.00026	-90.00	90.00	0.00030
-80.00	90.00	0.00036	-70.00	90.00	0.00045
-60.00	90.00	0.00057	-50.00	90.00	0.00077
-40.00	90.00	0.00111	-30.00	90.00	0.00175
-25.00	90.00	0.00227	-20.00	90.00	0.00300
-17.00	90.00	0.00356	-15.00	90.00	0.00401

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
20.00	110.00	0.00564	25.00	110.00	0.00485	
30.00	110.00	0.00424	40.00	110.00	0.00331	
50.00	110.00	0.00265	60.00	110.00	0.00214	
70.00	110.00	0.00175	80.00	110.00	0.00145	
90.00	110.00	0.00121	100.00	110.00	0.00103	
-100.00	120.00	0.00030	-90.00	120.00	0.00037	
-80.00	120.00	0.00048	-70.00	120.00	0.00063	
-60.00	120.00	0.00088	-50.00	120.00	0.00126	
-40.00	120.00	0.00186	-30.00	120.00	0.00281	
-25.00	120.00	0.00347	-20.00	120.00	0.00429	

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

04/18/08

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

18:30:03

**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	0.00489	-15.00	120.00	0.00534
-13.00	120.00	0.00583	-11.00	120.00	0.00639
-9.00	120.00	0.00705	9.00	120.00	0.00814
11.00	120.00	0.00740	13.00	120.00	0.00680
15.00	120.00	0.00630	17.00	120.00	0.00587
20.00	120.00	0.00532	25.00	120.00	0.00458
30.00	120.00	0.00400	40.00	120.00	0.00314
50.00	120.00	0.00253	60.00	120.00	0.00206
70.00	120.00	0.00170	80.00	120.00	0.00141
90.00	120.00	0.00119	100.00	120.00	0.00101
-100.00	130.00	0.00032	-90.00	130.00	0.00041
-80.00	130.00	0.00053	-70.00	130.00	0.00072
-60.00	130.00	0.00100	-50.00	130.00	0.00143
-40.00	130.00	0.00207	-30.00	130.00	0.00304
-25.00	130.00	0.00370	-20.00	130.00	0.00452
-17.00	130.00	0.00510	-15.00	130.00	0.00553
-13.00	130.00	0.00602	-11.00	130.00	0.00657
-9.00	130.00	0.00720	9.00	130.00	0.00745
11.00	130.00	0.00676	13.00	130.00	0.00621
15.00	130.00	0.00576	17.00	130.00	0.00539
20.00	130.00	0.00490	25.00	130.00	0.00424
30.00	130.00	0.00372	40.00	130.00	0.00295
50.00	130.00	0.00239	60.00	130.00	0.00197
70.00	130.00	0.00163	80.00	130.00	0.00137

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00116	100.00	130.00	0.00099
-100.00	140.00	0.00035	-90.00	140.00	0.00045
-80.00	140.00	0.00060	-70.00	140.00	0.00081
-60.00	140.00	0.00112	-50.00	140.00	0.00157
-40.00	140.00	0.00224	-30.00	140.00	0.00321
-25.00	140.00	0.00387	-20.00	140.00	0.00467
-17.00	140.00	0.00524	-15.00	140.00	0.00566
-13.00	140.00	0.00612	-11.00	140.00	0.00663
-9.00	140.00	0.00720	9.00	140.00	0.00638
11.00	140.00	0.00594	13.00	140.00	0.00554
15.00	140.00	0.00518	17.00	140.00	0.00487
20.00	140.00	0.00445	25.00	140.00	0.00388
30.00	140.00	0.00343	40.00	140.00	0.00274
50.00	140.00	0.00223	60.00	140.00	0.00185
70.00	140.00	0.00156	80.00	140.00	0.00132
90.00	140.00	0.00112	100.00	140.00	0.00096

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

04/18/08

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

18:30:03

**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	0.00039	-90.00	150.00	0.00051
-80.00	150.00	0.00067	-70.00	150.00	0.00090
-60.00	150.00	0.00123	-50.00	150.00	0.00170
-40.00	150.00	0.00238	-30.00	150.00	0.00334
-25.00	150.00	0.00397	-20.00	150.00	0.00470
-17.00	150.00	0.00517	-15.00	150.00	0.00549
-13.00	150.00	0.00579	-11.00	150.00	0.00607
-9.00	150.00	0.00629	9.00	150.00	0.00511
11.00	150.00	0.00484	13.00	150.00	0.00459
15.00	150.00	0.00436	17.00	150.00	0.00414
20.00	150.00	0.00385	25.00	150.00	0.00343
30.00	150.00	0.00307	40.00	150.00	0.00250
50.00	150.00	0.00207	60.00	150.00	0.00173
70.00	150.00	0.00147	80.00	150.00	0.00125
90.00	150.00	0.00108	100.00	150.00	0.00093
-100.00	160.00	0.00043	-90.00	160.00	0.00056
-80.00	160.00	0.00074	-70.00	160.00	0.00099
-60.00	160.00	0.00133	-50.00	160.00	0.00181

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-40.00	160.00	0.00246	-30.00	160.00	0.00333	
-25.00	160.00	0.00383	-20.00	160.00	0.00433	
-17.00	160.00	0.00460	-15.00	160.00	0.00475	
-13.00	160.00	0.00487	-11.00	160.00	0.00497	
-9.00	160.00	0.00504	9.00	160.00	0.00415	
11.00	160.00	0.00396	13.00	160.00	0.00378	
15.00	160.00	0.00361	17.00	160.00	0.00345	
20.00	160.00	0.00323	25.00	160.00	0.00292	
30.00	160.00	0.00266	40.00	160.00	0.00223	
50.00	160.00	0.00188	60.00	160.00	0.00160	
70.00	160.00	0.00137	80.00	160.00	0.00118	
90.00	160.00	0.00103	100.00	160.00	0.00090	
-100.00	170.00	0.00048	-90.00	170.00	0.00062	
-80.00	170.00	0.00081	-70.00	170.00	0.00106	
-60.00	170.00	0.00140	-50.00	170.00	0.00186	
-40.00	170.00	0.00244	-30.00	170.00	0.00312	
-25.00	170.00	0.00345	-20.00	170.00	0.00372	
-17.00	170.00	0.00385	-15.00	170.00	0.00392	
-13.00	170.00	0.00397	-11.00	170.00	0.00401	
-9.00	170.00	0.00402	9.00	170.00	0.00341	
11.00	170.00	0.00328	13.00	170.00	0.00315	
15.00	170.00	0.00303	17.00	170.00	0.00291	

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

18:30:03
 **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	0.00274	25.00	170.00	0.00249
30.00	170.00	0.00228	40.00	170.00	0.00195
50.00	170.00	0.00168	60.00	170.00	0.00146
70.00	170.00	0.00127	80.00	170.00	0.00111
90.00	170.00	0.00097	100.00	170.00	0.00085
-100.00	180.00	0.00053	-90.00	180.00	0.00067
-80.00	180.00	0.00086	-70.00	180.00	0.00112
-60.00	180.00	0.00144	-50.00	180.00	0.00185
-40.00	180.00	0.00232	-30.00	180.00	0.00278
-25.00	180.00	0.00298	-20.00	180.00	0.00313
-17.00	180.00	0.00320	-15.00	180.00	0.00323
-13.00	180.00	0.00325	-11.00	180.00	0.00326

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-9.00	180.00	0.00326	9.00	180.00	0.00283	
11.00	180.00	0.00274	13.00	180.00	0.00265	
15.00	180.00	0.00256	17.00	180.00	0.00247	
20.00	180.00	0.00234	25.00	180.00	0.00214	
30.00	180.00	0.00197	40.00	180.00	0.00170	
50.00	180.00	0.00149	60.00	180.00	0.00131	
70.00	180.00	0.00116	80.00	180.00	0.00102	
90.00	180.00	0.00091	100.00	180.00	0.00081	
-100.00	190.00	0.00057	-90.00	190.00	0.00071	
-80.00	190.00	0.00090	-70.00	190.00	0.00114	
-60.00	190.00	0.00144	-50.00	190.00	0.00177	
-40.00	190.00	0.00212	-30.00	190.00	0.00243	
-25.00	190.00	0.00255	-20.00	190.00	0.00263	
-17.00	190.00	0.00266	-15.00	190.00	0.00268	
-13.00	190.00	0.00268	-11.00	190.00	0.00268	
-9.00	190.00	0.00268	9.00	190.00	0.00237	
11.00	190.00	0.00231	13.00	190.00	0.00225	
15.00	190.00	0.00218	17.00	190.00	0.00212	
20.00	190.00	0.00202	25.00	190.00	0.00186	
30.00	190.00	0.00172	40.00	190.00	0.00149	
50.00	190.00	0.00131	60.00	190.00	0.00117	
70.00	190.00	0.00105	80.00	190.00	0.00094	
90.00	190.00	0.00084	100.00	190.00	0.00076	
-100.00	200.00	0.00060	-90.00	200.00	0.00074	
-80.00	200.00	0.00092	-70.00	200.00	0.00114	
-60.00	200.00	0.00139	-50.00	200.00	0.00165	
-40.00	200.00	0.00191	-30.00	200.00	0.00211	
-25.00	200.00	0.00218	-20.00	200.00	0.00223	

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

18:30:03
 **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	0.00224	-15.00	200.00	0.00225
-13.00	200.00	0.00225	-11.00	200.00	0.00224
-9.00	200.00	0.00223	9.00	200.00	0.00201
11.00	200.00	0.00197	13.00	200.00	0.00193
15.00	200.00	0.00188	17.00	200.00	0.00183
20.00	200.00	0.00175	25.00	200.00	0.00162

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-100.00	230.00	0.00064	-90.00	230.00	0.00075
-80.00	230.00	0.00088	-70.00	230.00	0.00101
-60.00	230.00	0.00114	-50.00	230.00	0.00125
-40.00	230.00	0.00134	-30.00	230.00	0.00140
-25.00	230.00	0.00141	-20.00	230.00	0.00142
-17.00	230.00	0.00142	-15.00	230.00	0.00142
-13.00	230.00	0.00141	-11.00	230.00	0.00141
-9.00	230.00	0.00140	9.00	230.00	0.00130
11.00	230.00	0.00128	13.00	230.00	0.00126
15.00	230.00	0.00125	17.00	230.00	0.00122
20.00	230.00	0.00119	25.00	230.00	0.00113
30.00	230.00	0.00107	40.00	230.00	0.00095
50.00	230.00	0.00086	60.00	230.00	0.00077
70.00	230.00	0.00070	80.00	230.00	0.00065
90.00	230.00	0.00060	100.00	230.00	0.00055
-100.00	240.00	0.00064	-90.00	240.00	0.00074
-80.00	240.00	0.00084	-70.00	240.00	0.00095
-60.00	240.00	0.00104	-50.00	240.00	0.00113
-40.00	240.00	0.00119	-30.00	240.00	0.00123
-25.00	240.00	0.00124	-20.00	240.00	0.00125
-17.00	240.00	0.00124	-15.00	240.00	0.00124
-13.00	240.00	0.00124	-11.00	240.00	0.00123
-9.00	240.00	0.00122	9.00	240.00	0.00114
11.00	240.00	0.00113	13.00	240.00	0.00112
15.00	240.00	0.00110	17.00	240.00	0.00109
20.00	240.00	0.00106	25.00	240.00	0.00101
30.00	240.00	0.00096	40.00	240.00	0.00086
50.00	240.00	0.00078	60.00	240.00	0.00071
70.00	240.00	0.00065	80.00	240.00	0.00059
90.00	240.00	0.00055	100.00	240.00	0.00051
-100.00	250.00	0.00062	-90.00	250.00	0.00071
-80.00	250.00	0.00080	-70.00	250.00	0.00088
-60.00	250.00	0.00096	-50.00	250.00	0.00102
-40.00	250.00	0.00107	-30.00	250.00	0.00109
-25.00	250.00	0.00110	-20.00	250.00	0.00110
-17.00	250.00	0.00110	-15.00	250.00	0.00110
-13.00	250.00	0.00109	-11.00	250.00	0.00109
-9.00	250.00	0.00108	9.00	250.00	0.00101
11.00	250.00	0.00100	13.00	250.00	0.00099
15.00	250.00	0.00098	17.00	250.00	0.00097

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

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

18:30:03
**MODELOPTS:
PAGE 62

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	0.00095	25.00	250.00	0.00091
30.00	250.00	0.00087	40.00	250.00	0.00078
50.00	250.00	0.00071	60.00	250.00	0.00065
70.00	250.00	0.00060	80.00	250.00	0.00055
90.00	250.00	0.00051	100.00	250.00	0.00047

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

04/18/08

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

18:30:03

**MODELOPTs:

PAGE 63

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	0.00007	-90.00	-250.00	0.00007
-80.00	-250.00	0.00008	-70.00	-250.00	0.00009
-60.00	-250.00	0.00010	-50.00	-250.00	0.00011
-40.00	-250.00	0.00012	-30.00	-250.00	0.00013
-25.00	-250.00	0.00013	-20.00	-250.00	0.00014
-17.00	-250.00	0.00014	-15.00	-250.00	0.00014
-13.00	-250.00	0.00014	-11.00	-250.00	0.00014
-9.00	-250.00	0.00015	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	0.00017
20.00	-250.00	0.00017	25.00	-250.00	0.00017
30.00	-250.00	0.00017	40.00	-250.00	0.00017
50.00	-250.00	0.00018	60.00	-250.00	0.00018
70.00	-250.00	0.00018	80.00	-250.00	0.00019
90.00	-250.00	0.00019	100.00	-250.00	0.00020
-100.00	-240.00	0.00007	-90.00	-240.00	0.00008
-80.00	-240.00	0.00008	-70.00	-240.00	0.00009
-60.00	-240.00	0.00011	-50.00	-240.00	0.00012
-40.00	-240.00	0.00013	-30.00	-240.00	0.00014
-25.00	-240.00	0.00014	-20.00	-240.00	0.00015
-17.00	-240.00	0.00015	-15.00	-240.00	0.00015
-13.00	-240.00	0.00015	-11.00	-240.00	0.00015
-9.00	-240.00	0.00016	9.00	-240.00	0.00017

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
11.00	-240.00	0.00017	13.00	-240.00	0.00018	
15.00	-240.00	0.00018	17.00	-240.00	0.00018	
20.00	-240.00	0.00018	25.00	-240.00	0.00018	
30.00	-240.00	0.00019	40.00	-240.00	0.00019	
50.00	-240.00	0.00019	60.00	-240.00	0.00019	
70.00	-240.00	0.00020	80.00	-240.00	0.00020	
90.00	-240.00	0.00021	100.00	-240.00	0.00022	
-100.00	-230.00	0.00007	-90.00	-230.00	0.00008	
-80.00	-230.00	0.00009	-70.00	-230.00	0.00010	
-60.00	-230.00	0.00011	-50.00	-230.00	0.00012	
-40.00	-230.00	0.00014	-30.00	-230.00	0.00015	
-25.00	-230.00	0.00015	-20.00	-230.00	0.00016	
-17.00	-230.00	0.00016	-15.00	-230.00	0.00016	
-13.00	-230.00	0.00017	-11.00	-230.00	0.00017	
-9.00	-230.00	0.00017	9.00	-230.00	0.00019	
11.00	-230.00	0.00019	13.00	-230.00	0.00019	
15.00	-230.00	0.00019	17.00	-230.00	0.00019	

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

18:30:03
 **MODELOPTs:
 PAGE 64
 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	0.00020	25.00	-230.00	0.00020
30.00	-230.00	0.00020	40.00	-230.00	0.00020
50.00	-230.00	0.00021	60.00	-230.00	0.00021
70.00	-230.00	0.00021	80.00	-230.00	0.00022
90.00	-230.00	0.00023	100.00	-230.00	0.00024
-100.00	-220.00	0.00007	-90.00	-220.00	0.00008
-80.00	-220.00	0.00009	-70.00	-220.00	0.00010
-60.00	-220.00	0.00012	-50.00	-220.00	0.00013
-40.00	-220.00	0.00014	-30.00	-220.00	0.00016
-25.00	-220.00	0.00016	-20.00	-220.00	0.00017
-17.00	-220.00	0.00017	-15.00	-220.00	0.00018
-13.00	-220.00	0.00018	-11.00	-220.00	0.00018
-9.00	-220.00	0.00018	9.00	-220.00	0.00020
11.00	-220.00	0.00021	13.00	-220.00	0.00021
15.00	-220.00	0.00021	17.00	-220.00	0.00021
20.00	-220.00	0.00021	25.00	-220.00	0.00022
30.00	-220.00	0.00022	40.00	-220.00	0.00022

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

50.00	-220.00	0.00022	60.00	-220.00	0.00023
70.00	-220.00	0.00024	80.00	-220.00	0.00024
90.00	-220.00	0.00025	100.00	-220.00	0.00026
-100.00	-210.00	0.00007	-90.00	-210.00	0.00008
-80.00	-210.00	0.00009	-70.00	-210.00	0.00011
-60.00	-210.00	0.00012	-50.00	-210.00	0.00014
-40.00	-210.00	0.00015	-30.00	-210.00	0.00017
-25.00	-210.00	0.00018	-20.00	-210.00	0.00018
-17.00	-210.00	0.00019	-15.00	-210.00	0.00019
-13.00	-210.00	0.00019	-11.00	-210.00	0.00020
-9.00	-210.00	0.00020	9.00	-210.00	0.00022
11.00	-210.00	0.00022	13.00	-210.00	0.00023
15.00	-210.00	0.00023	17.00	-210.00	0.00023
20.00	-210.00	0.00023	25.00	-210.00	0.00024
30.00	-210.00	0.00024	40.00	-210.00	0.00024
50.00	-210.00	0.00025	60.00	-210.00	0.00025
70.00	-210.00	0.00026	80.00	-210.00	0.00027
90.00	-210.00	0.00028	100.00	-210.00	0.00029
-100.00	-200.00	0.00008	-90.00	-200.00	0.00009
-80.00	-200.00	0.00010	-70.00	-200.00	0.00011
-60.00	-200.00	0.00013	-50.00	-200.00	0.00015
-40.00	-200.00	0.00017	-30.00	-200.00	0.00018
-25.00	-200.00	0.00019	-20.00	-200.00	0.00020

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

18:30:03
 **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	0.00020	-15.00	-200.00	0.00021
-13.00	-200.00	0.00021	-11.00	-200.00	0.00021
-9.00	-200.00	0.00022	9.00	-200.00	0.00024
11.00	-200.00	0.00025	13.00	-200.00	0.00025
15.00	-200.00	0.00025	17.00	-200.00	0.00025
20.00	-200.00	0.00026	25.00	-200.00	0.00026
30.00	-200.00	0.00026	40.00	-200.00	0.00027
50.00	-200.00	0.00027	60.00	-200.00	0.00028
70.00	-200.00	0.00029	80.00	-200.00	0.00030
90.00	-200.00	0.00031	100.00	-200.00	0.00032
-100.00	-190.00	0.00008	-90.00	-190.00	0.00009

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00010	-70.00	-190.00	0.00012
-60.00	-190.00	0.00013	-50.00	-190.00	0.00016
-40.00	-190.00	0.00018	-30.00	-190.00	0.00020
-25.00	-190.00	0.00021	-20.00	-190.00	0.00022
-17.00	-190.00	0.00022	-15.00	-190.00	0.00023
-13.00	-190.00	0.00023	-11.00	-190.00	0.00023
-9.00	-190.00	0.00024	9.00	-190.00	0.00027
11.00	-190.00	0.00027	13.00	-190.00	0.00028
15.00	-190.00	0.00028	17.00	-190.00	0.00028
20.00	-190.00	0.00028	25.00	-190.00	0.00029
30.00	-190.00	0.00029	40.00	-190.00	0.00029
50.00	-190.00	0.00030	60.00	-190.00	0.00031
70.00	-190.00	0.00032	80.00	-190.00	0.00034
90.00	-190.00	0.00035	100.00	-190.00	0.00036
-100.00	-180.00	0.00009	-90.00	-180.00	0.00009
-80.00	-180.00	0.00011	-70.00	-180.00	0.00012
-60.00	-180.00	0.00014	-50.00	-180.00	0.00016
-40.00	-180.00	0.00019	-30.00	-180.00	0.00021
-25.00	-180.00	0.00023	-20.00	-180.00	0.00024
-17.00	-180.00	0.00024	-15.00	-180.00	0.00025
-13.00	-180.00	0.00025	-11.00	-180.00	0.00026
-9.00	-180.00	0.00026	9.00	-180.00	0.00030
11.00	-180.00	0.00030	13.00	-180.00	0.00031
15.00	-180.00	0.00031	17.00	-180.00	0.00031
20.00	-180.00	0.00031	25.00	-180.00	0.00032
30.00	-180.00	0.00032	40.00	-180.00	0.00033
50.00	-180.00	0.00034	60.00	-180.00	0.00035
70.00	-180.00	0.00037	80.00	-180.00	0.00038
90.00	-180.00	0.00039	100.00	-180.00	0.00040

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

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

18:30:03

**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	0.00009	-90.00	-170.00	0.00010
-80.00	-170.00	0.00011	-70.00	-170.00	0.00013
-60.00	-170.00	0.00015	-50.00	-170.00	0.00017
-40.00	-170.00	0.00020	-30.00	-170.00	0.00023
-25.00	-170.00	0.00025	-20.00	-170.00	0.00026

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

20.00	-150.00	0.00045	25.00	-150.00	0.00045
30.00	-150.00	0.00046	40.00	-150.00	0.00047
50.00	-150.00	0.00050	60.00	-150.00	0.00052
70.00	-150.00	0.00055	80.00	-150.00	0.00056
90.00	-150.00	0.00055	100.00	-150.00	0.00054
-100.00	-140.00	0.00011	-90.00	-140.00	0.00012
-80.00	-140.00	0.00013	-70.00	-140.00	0.00015
-60.00	-140.00	0.00017	-50.00	-140.00	0.00021
-40.00	-140.00	0.00025	-30.00	-140.00	0.00030
-25.00	-140.00	0.00033	-20.00	-140.00	0.00035
-17.00	-140.00	0.00037	-15.00	-140.00	0.00038
-13.00	-140.00	0.00039	-11.00	-140.00	0.00039
-9.00	-140.00	0.00040	9.00	-140.00	0.00048
11.00	-140.00	0.00049	13.00	-140.00	0.00049
15.00	-140.00	0.00050	17.00	-140.00	0.00050
20.00	-140.00	0.00051	25.00	-140.00	0.00051
30.00	-140.00	0.00052	40.00	-140.00	0.00054
50.00	-140.00	0.00058	60.00	-140.00	0.00061
70.00	-140.00	0.00063	80.00	-140.00	0.00063
90.00	-140.00	0.00062	100.00	-140.00	0.00059
-100.00	-130.00	0.00013	-90.00	-130.00	0.00013
-80.00	-130.00	0.00014	-70.00	-130.00	0.00016
-60.00	-130.00	0.00018	-50.00	-130.00	0.00022
-40.00	-130.00	0.00027	-30.00	-130.00	0.00033
-25.00	-130.00	0.00036	-20.00	-130.00	0.00039
-17.00	-130.00	0.00041	-15.00	-130.00	0.00042
-13.00	-130.00	0.00043	-11.00	-130.00	0.00045
-9.00	-130.00	0.00046	9.00	-130.00	0.00055
11.00	-130.00	0.00056	13.00	-130.00	0.00057
15.00	-130.00	0.00057	17.00	-130.00	0.00058
20.00	-130.00	0.00058	25.00	-130.00	0.00059
30.00	-130.00	0.00060	40.00	-130.00	0.00064
50.00	-130.00	0.00068	60.00	-130.00	0.00071
70.00	-130.00	0.00072	80.00	-130.00	0.00071
90.00	-130.00	0.00068	100.00	-130.00	0.00064
-100.00	-120.00	0.00014	-90.00	-120.00	0.00015
-80.00	-120.00	0.00016	-70.00	-120.00	0.00017
-60.00	-120.00	0.00020	-50.00	-120.00	0.00023
-40.00	-120.00	0.00028	-30.00	-120.00	0.00036
-25.00	-120.00	0.00040	-20.00	-120.00	0.00044

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

*** NCRA Cumulative DPM Impacts

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

18:30:03
**MODELOPTs:
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*** 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	0.00046	-15.00	-120.00	0.00048	
-13.00	-120.00	0.00049	-11.00	-120.00	0.00051	
-9.00	-120.00	0.00052	9.00	-120.00	0.00064	
11.00	-120.00	0.00065	13.00	-120.00	0.00066	
15.00	-120.00	0.00066	17.00	-120.00	0.00067	
20.00	-120.00	0.00068	25.00	-120.00	0.00069	
30.00	-120.00	0.00071	40.00	-120.00	0.00076	
50.00	-120.00	0.00081	60.00	-120.00	0.00083	
70.00	-120.00	0.00083	80.00	-120.00	0.00080	
90.00	-120.00	0.00075	100.00	-120.00	0.00070	
-100.00	-110.00	0.00016	-90.00	-110.00	0.00017	
-80.00	-110.00	0.00018	-70.00	-110.00	0.00019	
-60.00	-110.00	0.00021	-50.00	-110.00	0.00025	
-40.00	-110.00	0.00030	-30.00	-110.00	0.00038	
-25.00	-110.00	0.00043	-20.00	-110.00	0.00049	
-17.00	-110.00	0.00052	-15.00	-110.00	0.00054	
-13.00	-110.00	0.00056	-11.00	-110.00	0.00058	
-9.00	-110.00	0.00060	9.00	-110.00	0.00075	
11.00	-110.00	0.00076	13.00	-110.00	0.00077	
15.00	-110.00	0.00078	17.00	-110.00	0.00079	
20.00	-110.00	0.00080	25.00	-110.00	0.00082	
30.00	-110.00	0.00085	40.00	-110.00	0.00092	
50.00	-110.00	0.00097	60.00	-110.00	0.00097	
70.00	-110.00	0.00094	80.00	-110.00	0.00088	
90.00	-110.00	0.00082	100.00	-110.00	0.00075	
-100.00	-100.00	0.00017	-90.00	-100.00	0.00019	
-80.00	-100.00	0.00020	-70.00	-100.00	0.00022	
-60.00	-100.00	0.00024	-50.00	-100.00	0.00027	
-40.00	-100.00	0.00032	-30.00	-100.00	0.00041	
-25.00	-100.00	0.00047	-20.00	-100.00	0.00054	
-17.00	-100.00	0.00058	-15.00	-100.00	0.00061	
-13.00	-100.00	0.00064	-11.00	-100.00	0.00066	
-9.00	-100.00	0.00069	9.00	-100.00	0.00089	
11.00	-100.00	0.00090	13.00	-100.00	0.00092	
15.00	-100.00	0.00093	17.00	-100.00	0.00094	
20.00	-100.00	0.00096	25.00	-100.00	0.00100	
30.00	-100.00	0.00104	40.00	-100.00	0.00113	

	50.00	-100.00	07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound 0.00115	60.00	-100.00	0.00112
	70.00	-100.00	0.00106	80.00	-100.00	0.00097
	90.00	-100.00	0.00089	100.00	-100.00	0.00080

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

18:30:03
 **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	-90.00	0.00019	-90.00	-90.00	0.00020
-80.00	-90.00	0.00022	-70.00	-90.00	0.00024
-60.00	-90.00	0.00027	-50.00	-90.00	0.00030
-40.00	-90.00	0.00035	-30.00	-90.00	0.00045
-25.00	-90.00	0.00051	-20.00	-90.00	0.00059
-17.00	-90.00	0.00065	-15.00	-90.00	0.00069
-13.00	-90.00	0.00072	-11.00	-90.00	0.00076
-9.00	-90.00	0.00079	9.00	-90.00	0.00107
11.00	-90.00	0.00109	13.00	-90.00	0.00111
15.00	-90.00	0.00112	17.00	-90.00	0.00114
20.00	-90.00	0.00118	25.00	-90.00	0.00124
30.00	-90.00	0.00130	40.00	-90.00	0.00138
50.00	-90.00	0.00136	60.00	-90.00	0.00128
70.00	-90.00	0.00118	80.00	-90.00	0.00106
90.00	-90.00	0.00095	100.00	-90.00	0.00085
-100.00	-80.00	0.00020	-90.00	-80.00	0.00022
-80.00	-80.00	0.00024	-70.00	-80.00	0.00027
-60.00	-80.00	0.00030	-50.00	-80.00	0.00034
-40.00	-80.00	0.00039	-30.00	-80.00	0.00048
-25.00	-80.00	0.00055	-20.00	-80.00	0.00065
-17.00	-80.00	0.00072	-15.00	-80.00	0.00076
-13.00	-80.00	0.00081	-11.00	-80.00	0.00087
-9.00	-80.00	0.00092	9.00	-80.00	0.00130
11.00	-80.00	0.00133	13.00	-80.00	0.00136
15.00	-80.00	0.00140	17.00	-80.00	0.00143
20.00	-80.00	0.00149	25.00	-80.00	0.00158
30.00	-80.00	0.00165	40.00	-80.00	0.00166
50.00	-80.00	0.00157	60.00	-80.00	0.00144
70.00	-80.00	0.00130	80.00	-80.00	0.00115
90.00	-80.00	0.00102	100.00	-80.00	0.00090
-100.00	-70.00	0.00021	-90.00	-70.00	0.00023

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-80.00	-70.00	0.00026	-70.00	-70.00	0.00030	
-60.00	-70.00	0.00034	-50.00	-70.00	0.00039	
-40.00	-70.00	0.00045	-30.00	-70.00	0.00054	
-25.00	-70.00	0.00061	-20.00	-70.00	0.00070	
-17.00	-70.00	0.00078	-15.00	-70.00	0.00084	
-13.00	-70.00	0.00090	-11.00	-70.00	0.00097	
-9.00	-70.00	0.00105	9.00	-70.00	0.00164	
11.00	-70.00	0.00169	13.00	-70.00	0.00175	
15.00	-70.00	0.00181	17.00	-70.00	0.00187	

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

18:30:03

**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
20.00	-70.00	0.00195	25.00	-70.00	0.00202
30.00	-70.00	0.00204	40.00	-70.00	0.00196
50.00	-70.00	0.00180	60.00	-70.00	0.00161
70.00	-70.00	0.00142	80.00	-70.00	0.00124
90.00	-70.00	0.00108	100.00	-70.00	0.00094
-100.00	-60.00	0.00022	-90.00	-60.00	0.00025
-80.00	-60.00	0.00028	-70.00	-60.00	0.00032
-60.00	-60.00	0.00037	-50.00	-60.00	0.00042
-40.00	-60.00	0.00050	-30.00	-60.00	0.00061
-25.00	-60.00	0.00068	-20.00	-60.00	0.00078
-17.00	-60.00	0.00086	-15.00	-60.00	0.00092
-13.00	-60.00	0.00099	-11.00	-60.00	0.00107
-9.00	-60.00	0.00117	9.00	-60.00	0.00218
11.00	-60.00	0.00228	13.00	-60.00	0.00236
15.00	-60.00	0.00243	17.00	-60.00	0.00248
20.00	-60.00	0.00251	25.00	-60.00	0.00251
30.00	-60.00	0.00246	40.00	-60.00	0.00227
50.00	-60.00	0.00202	60.00	-60.00	0.00176
70.00	-60.00	0.00152	80.00	-60.00	0.00131
90.00	-60.00	0.00113	100.00	-60.00	0.00098
-100.00	-50.00	0.00023	-90.00	-50.00	0.00026
-80.00	-50.00	0.00030	-70.00	-50.00	0.00035
-60.00	-50.00	0.00040	-50.00	-50.00	0.00046
-40.00	-50.00	0.00055	-30.00	-50.00	0.00067
-25.00	-50.00	0.00075	-20.00	-50.00	0.00087

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-17.00	-50.00	0.00095	-15.00	-50.00	0.00102	
-13.00	-50.00	0.00111	-11.00	-50.00	0.00121	
-9.00	-50.00	0.00132	9.00	-50.00	0.00313	
11.00	-50.00	0.00316	13.00	-50.00	0.00318	
15.00	-50.00	0.00317	17.00	-50.00	0.00316	
20.00	-50.00	0.00311	25.00	-50.00	0.00301	
30.00	-50.00	0.00287	40.00	-50.00	0.00255	
50.00	-50.00	0.00222	60.00	-50.00	0.00189	
70.00	-50.00	0.00161	80.00	-50.00	0.00137	
90.00	-50.00	0.00117	100.00	-50.00	0.00101	
-100.00	-40.00	0.00024	-90.00	-40.00	0.00028	
-80.00	-40.00	0.00032	-70.00	-40.00	0.00038	
-60.00	-40.00	0.00044	-50.00	-40.00	0.00051	
-40.00	-40.00	0.00060	-30.00	-40.00	0.00073	
-25.00	-40.00	0.00083	-20.00	-40.00	0.00095	

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	0.00106	-15.00	-40.00	0.00114
-13.00	-40.00	0.00124	-11.00	-40.00	0.00137
-9.00	-40.00	0.00155	9.00	-40.00	0.00434
11.00	-40.00	0.00416	13.00	-40.00	0.00402
15.00	-40.00	0.00392	17.00	-40.00	0.00382
20.00	-40.00	0.00369	25.00	-40.00	0.00347
30.00	-40.00	0.00325	40.00	-40.00	0.00281
50.00	-40.00	0.00238	60.00	-40.00	0.00200
70.00	-40.00	0.00168	80.00	-40.00	0.00142
90.00	-40.00	0.00120	100.00	-40.00	0.00103
-100.00	-30.00	0.00025	-90.00	-30.00	0.00029
-80.00	-30.00	0.00034	-70.00	-30.00	0.00040
-60.00	-30.00	0.00047	-50.00	-30.00	0.00055
-40.00	-30.00	0.00066	-30.00	-30.00	0.00080
-25.00	-30.00	0.00092	-20.00	-30.00	0.00111
-17.00	-30.00	0.00131	-15.00	-30.00	0.00149
-13.00	-30.00	0.00175	-11.00	-30.00	0.00211
-9.00	-30.00	0.00263	9.00	-30.00	0.00568
11.00	-30.00	0.00533	13.00	-30.00	0.00506

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00483	17.00	-30.00	0.00463
20.00	-30.00	0.00436	25.00	-30.00	0.00398
30.00	-30.00	0.00364	40.00	-30.00	0.00304
50.00	-30.00	0.00252	60.00	-30.00	0.00208
70.00	-30.00	0.00173	80.00	-30.00	0.00145
90.00	-30.00	0.00123	100.00	-30.00	0.00105
-100.00	-20.00	0.00025	-90.00	-20.00	0.00029
-80.00	-20.00	0.00035	-70.00	-20.00	0.00041
-60.00	-20.00	0.00049	-50.00	-20.00	0.00059
-40.00	-20.00	0.00073	-30.00	-20.00	0.00097
-25.00	-20.00	0.00121	-20.00	-20.00	0.00162
-17.00	-20.00	0.00202	-15.00	-20.00	0.00236
-13.00	-20.00	0.00279	-11.00	-20.00	0.00332
-9.00	-20.00	0.00398	9.00	-20.00	0.00669
11.00	-20.00	0.00625	13.00	-20.00	0.00590
15.00	-20.00	0.00561	17.00	-20.00	0.00535
20.00	-20.00	0.00500	25.00	-20.00	0.00449
30.00	-20.00	0.00403	40.00	-20.00	0.00325
50.00	-20.00	0.00263	60.00	-20.00	0.00214
70.00	-20.00	0.00176	80.00	-20.00	0.00147
90.00	-20.00	0.00124	100.00	-20.00	0.00106

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
-100.00	-10.00	0.00025	-90.00	-10.00	0.00030
-80.00	-10.00	0.00035	-70.00	-10.00	0.00042
-60.00	-10.00	0.00052	-50.00	-10.00	0.00066
-40.00	-10.00	0.00088	-30.00	-10.00	0.00131
-25.00	-10.00	0.00172	-20.00	-10.00	0.00233
-17.00	-10.00	0.00285	-15.00	-10.00	0.00327
-13.00	-10.00	0.00376	-11.00	-10.00	0.00435
-9.00	-10.00	0.00505	9.00	-10.00	0.00742
11.00	-10.00	0.00691	13.00	-10.00	0.00651
15.00	-10.00	0.00616	17.00	-10.00	0.00586
20.00	-10.00	0.00545	25.00	-10.00	0.00485
30.00	-10.00	0.00432	40.00	-10.00	0.00340
50.00	-10.00	0.00270	60.00	-10.00	0.00218

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00178	80.00	-10.00	0.00148
90.00	-10.00	0.00125	100.00	-10.00	0.00106
-100.00	0.00	0.00026	-90.00	0.00	0.00030
-80.00	0.00	0.00036	-70.00	0.00	0.00045
-60.00	0.00	0.00057	-50.00	0.00	0.00077
-40.00	0.00	0.00111	-30.00	0.00	0.00175
-25.00	0.00	0.00227	-20.00	0.00	0.00300
-17.00	0.00	0.00356	-15.00	0.00	0.00401
-13.00	0.00	0.00452	-11.00	0.00	0.00512
-9.00	0.00	0.00583	9.00	0.00	0.00793
11.00	0.00	0.00737	13.00	0.00	0.00691
15.00	0.00	0.00652	17.00	0.00	0.00618
20.00	0.00	0.00571	25.00	0.00	0.00503
30.00	0.00	0.00443	40.00	0.00	0.00346
50.00	0.00	0.00274	60.00	0.00	0.00220
70.00	0.00	0.00179	80.00	0.00	0.00148
90.00	0.00	0.00124	100.00	0.00	0.00105
-100.00	10.00	0.00026	-90.00	10.00	0.00032
-80.00	10.00	0.00039	-70.00	10.00	0.00049
-60.00	10.00	0.00065	-50.00	10.00	0.00091
-40.00	10.00	0.00137	-30.00	10.00	0.00217
-25.00	10.00	0.00277	-20.00	10.00	0.00355
-17.00	10.00	0.00413	-15.00	10.00	0.00458
-13.00	10.00	0.00509	-11.00	10.00	0.00568
-9.00	10.00	0.00639	9.00	10.00	0.00825
11.00	10.00	0.00763	13.00	10.00	0.00713
15.00	10.00	0.00670	17.00	10.00	0.00631

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

18:30:03

**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
20.00	10.00	0.00578	25.00	10.00	0.00503
30.00	10.00	0.00439	40.00	10.00	0.00342
50.00	10.00	0.00272	60.00	10.00	0.00219
70.00	10.00	0.00178	80.00	10.00	0.00147
90.00	10.00	0.00123	100.00	10.00	0.00104
-100.00	20.00	0.00028	-90.00	20.00	0.00034
-80.00	20.00	0.00042	-70.00	20.00	0.00055

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00075	-50.00	20.00	0.00108
-40.00	20.00	0.00163	-30.00	20.00	0.00253
-25.00	20.00	0.00317	-20.00	20.00	0.00398
-17.00	20.00	0.00457	-15.00	20.00	0.00502
-13.00	20.00	0.00552	-11.00	20.00	0.00609
-9.00	20.00	0.00678	9.00	20.00	0.00834
11.00	20.00	0.00767	13.00	20.00	0.00712
15.00	20.00	0.00664	17.00	20.00	0.00621
20.00	20.00	0.00564	25.00	20.00	0.00485
30.00	20.00	0.00424	40.00	20.00	0.00331
50.00	20.00	0.00265	60.00	20.00	0.00214
70.00	20.00	0.00175	80.00	20.00	0.00145
90.00	20.00	0.00121	100.00	20.00	0.00103
-100.00	30.00	0.00030	-90.00	30.00	0.00037
-80.00	30.00	0.00048	-70.00	30.00	0.00063
-60.00	30.00	0.00088	-50.00	30.00	0.00126
-40.00	30.00	0.00186	-30.00	30.00	0.00281
-25.00	30.00	0.00347	-20.00	30.00	0.00429
-17.00	30.00	0.00489	-15.00	30.00	0.00534
-13.00	30.00	0.00583	-11.00	30.00	0.00639
-9.00	30.00	0.00705	9.00	30.00	0.00814
11.00	30.00	0.00740	13.00	30.00	0.00680
15.00	30.00	0.00630	17.00	30.00	0.00587
20.00	30.00	0.00532	25.00	30.00	0.00458
30.00	30.00	0.00400	40.00	30.00	0.00314
50.00	30.00	0.00253	60.00	30.00	0.00206
70.00	30.00	0.00170	80.00	30.00	0.00141
90.00	30.00	0.00119	100.00	30.00	0.00101
-100.00	40.00	0.00032	-90.00	40.00	0.00041
-80.00	40.00	0.00053	-70.00	40.00	0.00072
-60.00	40.00	0.00100	-50.00	40.00	0.00143
-40.00	40.00	0.00207	-30.00	40.00	0.00304
-25.00	40.00	0.00370	-20.00	40.00	0.00452

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

18:30:03
 **MODELOPTs:
 PAGE 74
 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	0.00510	-15.00	40.00	0.00553

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00602	-11.00	40.00	0.00657
-9.00	40.00	0.00720	9.00	40.00	0.00745
11.00	40.00	0.00676	13.00	40.00	0.00621
15.00	40.00	0.00576	17.00	40.00	0.00539
20.00	40.00	0.00490	25.00	40.00	0.00424
30.00	40.00	0.00372	40.00	40.00	0.00295
50.00	40.00	0.00239	60.00	40.00	0.00197
70.00	40.00	0.00163	80.00	40.00	0.00137
90.00	40.00	0.00116	100.00	40.00	0.00099
-100.00	50.00	0.00035	-90.00	50.00	0.00045
-80.00	50.00	0.00060	-70.00	50.00	0.00081
-60.00	50.00	0.00112	-50.00	50.00	0.00157
-40.00	50.00	0.00224	-30.00	50.00	0.00321
-25.00	50.00	0.00387	-20.00	50.00	0.00467
-17.00	50.00	0.00524	-15.00	50.00	0.00566
-13.00	50.00	0.00612	-11.00	50.00	0.00663
-9.00	50.00	0.00720	9.00	50.00	0.00638
11.00	50.00	0.00594	13.00	50.00	0.00554
15.00	50.00	0.00518	17.00	50.00	0.00487
20.00	50.00	0.00445	25.00	50.00	0.00388
30.00	50.00	0.00343	40.00	50.00	0.00274
50.00	50.00	0.00223	60.00	50.00	0.00185
70.00	50.00	0.00156	80.00	50.00	0.00132
90.00	50.00	0.00112	100.00	50.00	0.00096
-100.00	60.00	0.00039	-90.00	60.00	0.00051
-80.00	60.00	0.00067	-70.00	60.00	0.00090
-60.00	60.00	0.00123	-50.00	60.00	0.00170
-40.00	60.00	0.00238	-30.00	60.00	0.00334
-25.00	60.00	0.00397	-20.00	60.00	0.00470
-17.00	60.00	0.00517	-15.00	60.00	0.00549
-13.00	60.00	0.00579	-11.00	60.00	0.00607
-9.00	60.00	0.00629	9.00	60.00	0.00511
11.00	60.00	0.00484	13.00	60.00	0.00459
15.00	60.00	0.00436	17.00	60.00	0.00414
20.00	60.00	0.00385	25.00	60.00	0.00343
30.00	60.00	0.00307	40.00	60.00	0.00250
50.00	60.00	0.00207	60.00	60.00	0.00173
70.00	60.00	0.00147	80.00	60.00	0.00125
90.00	60.00	0.00108	100.00	60.00	0.00093

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

*** NCRA Cumulative DPM Impacts

18:30:03

**MODELOPTs:

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

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	70.00	0.00043	-90.00	70.00	0.00056
-80.00	70.00	0.00074	-70.00	70.00	0.00099
-60.00	70.00	0.00133	-50.00	70.00	0.00181
-40.00	70.00	0.00246	-30.00	70.00	0.00333
-25.00	70.00	0.00383	-20.00	70.00	0.00433
-17.00	70.00	0.00460	-15.00	70.00	0.00475
-13.00	70.00	0.00487	-11.00	70.00	0.00497
-9.00	70.00	0.00504	9.00	70.00	0.00415
11.00	70.00	0.00396	13.00	70.00	0.00378
15.00	70.00	0.00361	17.00	70.00	0.00345
20.00	70.00	0.00323	25.00	70.00	0.00292
30.00	70.00	0.00266	40.00	70.00	0.00223
50.00	70.00	0.00188	60.00	70.00	0.00160
70.00	70.00	0.00137	80.00	70.00	0.00118
90.00	70.00	0.00103	100.00	70.00	0.00090
-100.00	80.00	0.00048	-90.00	80.00	0.00062
-80.00	80.00	0.00081	-70.00	80.00	0.00106
-60.00	80.00	0.00140	-50.00	80.00	0.00186
-40.00	80.00	0.00244	-30.00	80.00	0.00312
-25.00	80.00	0.00345	-20.00	80.00	0.00372
-17.00	80.00	0.00385	-15.00	80.00	0.00392
-13.00	80.00	0.00397	-11.00	80.00	0.00401
-9.00	80.00	0.00402	9.00	80.00	0.00341
11.00	80.00	0.00328	13.00	80.00	0.00315
15.00	80.00	0.00303	17.00	80.00	0.00291
20.00	80.00	0.00274	25.00	80.00	0.00249
30.00	80.00	0.00228	40.00	80.00	0.00195
50.00	80.00	0.00168	60.00	80.00	0.00146
70.00	80.00	0.00127	80.00	80.00	0.00111
90.00	80.00	0.00097	100.00	80.00	0.00085
-100.00	90.00	0.00053	-90.00	90.00	0.00067
-80.00	90.00	0.00086	-70.00	90.00	0.00112
-60.00	90.00	0.00144	-50.00	90.00	0.00185
-40.00	90.00	0.00232	-30.00	90.00	0.00278
-25.00	90.00	0.00298	-20.00	90.00	0.00313
-17.00	90.00	0.00320	-15.00	90.00	0.00323
-13.00	90.00	0.00325	-11.00	90.00	0.00326
-9.00	90.00	0.00326	9.00	90.00	0.00283
11.00	90.00	0.00274	13.00	90.00	0.00265

15.00 90.00 07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound 17.00 90.00 0.00247
 0.00256

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

18:30:03
 **MODELOPTs:
 PAGE 76
 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	0.00234	25.00	90.00	0.00214
30.00	90.00	0.00197	40.00	90.00	0.00170
50.00	90.00	0.00149	60.00	90.00	0.00131
70.00	90.00	0.00116	80.00	90.00	0.00102
90.00	90.00	0.00091	100.00	90.00	0.00081
-100.00	100.00	0.00057	-90.00	100.00	0.00071
-80.00	100.00	0.00090	-70.00	100.00	0.00114
-60.00	100.00	0.00144	-50.00	100.00	0.00177
-40.00	100.00	0.00212	-30.00	100.00	0.00243
-25.00	100.00	0.00255	-20.00	100.00	0.00263
-17.00	100.00	0.00266	-15.00	100.00	0.00268
-13.00	100.00	0.00268	-11.00	100.00	0.00268
-9.00	100.00	0.00268	9.00	100.00	0.00237
11.00	100.00	0.00231	13.00	100.00	0.00225
15.00	100.00	0.00218	17.00	100.00	0.00212
20.00	100.00	0.00202	25.00	100.00	0.00186
30.00	100.00	0.00172	40.00	100.00	0.00149
50.00	100.00	0.00131	60.00	100.00	0.00117
70.00	100.00	0.00105	80.00	100.00	0.00094
90.00	100.00	0.00084	100.00	100.00	0.00076
-100.00	110.00	0.00060	-90.00	110.00	0.00074
-80.00	110.00	0.00092	-70.00	110.00	0.00114
-60.00	110.00	0.00139	-50.00	110.00	0.00165
-40.00	110.00	0.00191	-30.00	110.00	0.00211
-25.00	110.00	0.00218	-20.00	110.00	0.00223
-17.00	110.00	0.00224	-15.00	110.00	0.00225
-13.00	110.00	0.00225	-11.00	110.00	0.00224
-9.00	110.00	0.00223	9.00	110.00	0.00201
11.00	110.00	0.00197	13.00	110.00	0.00193
15.00	110.00	0.00188	17.00	110.00	0.00183
20.00	110.00	0.00175	25.00	110.00	0.00162
30.00	110.00	0.00151	40.00	110.00	0.00132
50.00	110.00	0.00117	60.00	110.00	0.00104

		07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound			
70.00	110.00	0.00094	80.00	110.00	0.00085
90.00	110.00	0.00078	100.00	110.00	0.00070
-100.00	120.00	0.00062	-90.00	120.00	0.00076
-80.00	120.00	0.00093	-70.00	120.00	0.00111
-60.00	120.00	0.00132	-50.00	120.00	0.00152
-40.00	120.00	0.00170	-30.00	120.00	0.00183
-25.00	120.00	0.00187	-20.00	120.00	0.00190

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

18:30:03
 **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	0.00191	-15.00	120.00	0.00191
-13.00	120.00	0.00190	-11.00	120.00	0.00190
-9.00	120.00	0.00189	9.00	120.00	0.00172
11.00	120.00	0.00169	13.00	120.00	0.00166
15.00	120.00	0.00163	17.00	120.00	0.00159
20.00	120.00	0.00153	25.00	120.00	0.00143
30.00	120.00	0.00134	40.00	120.00	0.00118
50.00	120.00	0.00105	60.00	120.00	0.00094
70.00	120.00	0.00085	80.00	120.00	0.00078
90.00	120.00	0.00071	100.00	120.00	0.00065
-100.00	130.00	0.00064	-90.00	130.00	0.00076
-80.00	130.00	0.00091	-70.00	130.00	0.00107
-60.00	130.00	0.00123	-50.00	130.00	0.00138
-40.00	130.00	0.00151	-30.00	130.00	0.00159
-25.00	130.00	0.00162	-20.00	130.00	0.00164
-17.00	130.00	0.00164	-15.00	130.00	0.00164
-13.00	130.00	0.00163	-11.00	130.00	0.00163
-9.00	130.00	0.00162	9.00	130.00	0.00149
11.00	130.00	0.00147	13.00	130.00	0.00144
15.00	130.00	0.00142	17.00	130.00	0.00139
20.00	130.00	0.00135	25.00	130.00	0.00127
30.00	130.00	0.00119	40.00	130.00	0.00106
50.00	130.00	0.00094	60.00	130.00	0.00085
70.00	130.00	0.00077	80.00	130.00	0.00071
90.00	130.00	0.00065	100.00	130.00	0.00060
-100.00	140.00	0.00064	-90.00	140.00	0.00075
-80.00	140.00	0.00088	-70.00	140.00	0.00101

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-13.00	160.00	0.00109	-11.00	160.00	0.00109	
-9.00	160.00	0.00108	9.00	160.00	0.00101	
11.00	160.00	0.00100	13.00	160.00	0.00099	
15.00	160.00	0.00098	17.00	160.00	0.00097	
20.00	160.00	0.00095	25.00	160.00	0.00091	
30.00	160.00	0.00087	40.00	160.00	0.00078	
50.00	160.00	0.00071	60.00	160.00	0.00065	
70.00	160.00	0.00060	80.00	160.00	0.00055	
90.00	160.00	0.00051	100.00	160.00	0.00047	
-100.00	170.00	0.00060	-90.00	170.00	0.00068	
-80.00	170.00	0.00075	-70.00	170.00	0.00082	
-60.00	170.00	0.00088	-50.00	170.00	0.00092	
-40.00	170.00	0.00096	-30.00	170.00	0.00098	
-25.00	170.00	0.00098	-20.00	170.00	0.00098	
-17.00	170.00	0.00098	-15.00	170.00	0.00097	
-13.00	170.00	0.00097	-11.00	170.00	0.00096	
-9.00	170.00	0.00096	9.00	170.00	0.00090	
11.00	170.00	0.00089	13.00	170.00	0.00089	
15.00	170.00	0.00088	17.00	170.00	0.00087	

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

18:30:03
 **MODELOPTS:
 PAGE 79
 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	0.00085	25.00	170.00	0.00082
30.00	170.00	0.00079	40.00	170.00	0.00072
50.00	170.00	0.00065	60.00	170.00	0.00060
70.00	170.00	0.00055	80.00	170.00	0.00051
90.00	170.00	0.00047	100.00	170.00	0.00044
-100.00	180.00	0.00058	-90.00	180.00	0.00064
-80.00	180.00	0.00070	-70.00	180.00	0.00076
-60.00	180.00	0.00080	-50.00	180.00	0.00084
-40.00	180.00	0.00086	-30.00	180.00	0.00088
-25.00	180.00	0.00088	-20.00	180.00	0.00088
-17.00	180.00	0.00087	-15.00	180.00	0.00087
-13.00	180.00	0.00087	-11.00	180.00	0.00086
-9.00	180.00	0.00086	9.00	180.00	0.00081
11.00	180.00	0.00080	13.00	180.00	0.00080
15.00	180.00	0.00079	17.00	180.00	0.00078

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

20.00	180.00	0.00077	25.00	180.00	0.00075
30.00	180.00	0.00072	40.00	180.00	0.00066
50.00	180.00	0.00060	60.00	180.00	0.00055
70.00	180.00	0.00051	80.00	180.00	0.00047
90.00	180.00	0.00044	100.00	180.00	0.00041
-100.00	190.00	0.00056	-90.00	190.00	0.00061
-80.00	190.00	0.00066	-70.00	190.00	0.00070
-60.00	190.00	0.00074	-50.00	190.00	0.00076
-40.00	190.00	0.00078	-30.00	190.00	0.00079
-25.00	190.00	0.00079	-20.00	190.00	0.00079
-17.00	190.00	0.00079	-15.00	190.00	0.00078
-13.00	190.00	0.00078	-11.00	190.00	0.00078
-9.00	190.00	0.00077	9.00	190.00	0.00073
11.00	190.00	0.00073	13.00	190.00	0.00072
15.00	190.00	0.00072	17.00	190.00	0.00071
20.00	190.00	0.00070	25.00	190.00	0.00068
30.00	190.00	0.00066	40.00	190.00	0.00060
50.00	190.00	0.00055	60.00	190.00	0.00051
70.00	190.00	0.00048	80.00	190.00	0.00044
90.00	190.00	0.00041	100.00	190.00	0.00038
-100.00	200.00	0.00053	-90.00	200.00	0.00057
-80.00	200.00	0.00062	-70.00	200.00	0.00065
-60.00	200.00	0.00068	-50.00	200.00	0.00070
-40.00	200.00	0.00071	-30.00	200.00	0.00072
-25.00	200.00	0.00072	-20.00	200.00	0.00072

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

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

18:30:03

**MODELOPTS:
 PAGE 80

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	0.00071	-15.00	200.00	0.00071
-13.00	200.00	0.00071	-11.00	200.00	0.00070
-9.00	200.00	0.00070	9.00	200.00	0.00066
11.00	200.00	0.00066	13.00	200.00	0.00066
15.00	200.00	0.00065	17.00	200.00	0.00065
20.00	200.00	0.00064	25.00	200.00	0.00062
30.00	200.00	0.00060	40.00	200.00	0.00056
50.00	200.00	0.00051	60.00	200.00	0.00048
70.00	200.00	0.00044	80.00	200.00	0.00041

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00039	100.00	200.00	0.00036
-100.00	210.00	0.00050	-90.00	210.00	0.00054
-80.00	210.00	0.00057	-70.00	210.00	0.00060
-60.00	210.00	0.00062	-50.00	210.00	0.00064
-40.00	210.00	0.00065	-30.00	210.00	0.00066
-25.00	210.00	0.00065	-20.00	210.00	0.00065
-17.00	210.00	0.00065	-15.00	210.00	0.00064
-13.00	210.00	0.00064	-11.00	210.00	0.00064
-9.00	210.00	0.00064	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	0.00059
20.00	210.00	0.00058	25.00	210.00	0.00057
30.00	210.00	0.00055	40.00	210.00	0.00052
50.00	210.00	0.00048	60.00	210.00	0.00044
70.00	210.00	0.00041	80.00	210.00	0.00039
90.00	210.00	0.00036	100.00	210.00	0.00034
-100.00	220.00	0.00048	-90.00	220.00	0.00051
-80.00	220.00	0.00054	-70.00	220.00	0.00056
-60.00	220.00	0.00058	-50.00	220.00	0.00059
-40.00	220.00	0.00060	-30.00	220.00	0.00060
-25.00	220.00	0.00060	-20.00	220.00	0.00059
-17.00	220.00	0.00059	-15.00	220.00	0.00059
-13.00	220.00	0.00059	-11.00	220.00	0.00058
-9.00	220.00	0.00058	9.00	220.00	0.00055
11.00	220.00	0.00055	13.00	220.00	0.00055
15.00	220.00	0.00055	17.00	220.00	0.00054
20.00	220.00	0.00054	25.00	220.00	0.00052
30.00	220.00	0.00051	40.00	220.00	0.00048
50.00	220.00	0.00045	60.00	220.00	0.00041
70.00	220.00	0.00039	80.00	220.00	0.00036
90.00	220.00	0.00034	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 ***

18:30:03

**MODELOPTS:
PAGE 81

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	0.00045	-90.00	230.00	0.00048
-80.00	230.00	0.00050	-70.00	230.00	0.00052
-60.00	230.00	0.00053	-50.00	230.00	0.00054

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-40.00	230.00	0.00055	-30.00	230.00	0.00055
-25.00	230.00	0.00055	-20.00	230.00	0.00055
-17.00	230.00	0.00054	-15.00	230.00	0.00054
-13.00	230.00	0.00054	-11.00	230.00	0.00054
-9.00	230.00	0.00053	9.00	230.00	0.00051
11.00	230.00	0.00051	13.00	230.00	0.00050
15.00	230.00	0.00050	17.00	230.00	0.00050
20.00	230.00	0.00049	25.00	230.00	0.00048
30.00	230.00	0.00047	40.00	230.00	0.00045
50.00	230.00	0.00042	60.00	230.00	0.00039
70.00	230.00	0.00036	80.00	230.00	0.00034
90.00	230.00	0.00032	100.00	230.00	0.00030
-100.00	240.00	0.00043	-90.00	240.00	0.00045
-80.00	240.00	0.00047	-70.00	240.00	0.00048
-60.00	240.00	0.00049	-50.00	240.00	0.00050
-40.00	240.00	0.00051	-30.00	240.00	0.00051
-25.00	240.00	0.00051	-20.00	240.00	0.00050
-17.00	240.00	0.00050	-15.00	240.00	0.00050
-13.00	240.00	0.00050	-11.00	240.00	0.00049
-9.00	240.00	0.00049	9.00	240.00	0.00047
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	0.00046	25.00	240.00	0.00045
30.00	240.00	0.00044	40.00	240.00	0.00042
50.00	240.00	0.00039	60.00	240.00	0.00036
70.00	240.00	0.00034	80.00	240.00	0.00032
90.00	240.00	0.00030	100.00	240.00	0.00029
-100.00	250.00	0.00041	-90.00	250.00	0.00042
-80.00	250.00	0.00044	-70.00	250.00	0.00045
-60.00	250.00	0.00046	-50.00	250.00	0.00047
-40.00	250.00	0.00047	-30.00	250.00	0.00047
-25.00	250.00	0.00047	-20.00	250.00	0.00046
-17.00	250.00	0.00046	-15.00	250.00	0.00046
-13.00	250.00	0.00046	-11.00	250.00	0.00046
-9.00	250.00	0.00045	9.00	250.00	0.00044
11.00	250.00	0.00043	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 ***

18:30:03
 **MODELOPTS:
 PAGE 82

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	0.00042
30.00	250.00	0.00041	40.00	250.00	0.00039
50.00	250.00	0.00037	60.00	250.00	0.00034
70.00	250.00	0.00032	80.00	250.00	0.00030
90.00	250.00	0.00029	100.00	250.00	0.00027

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

*** NCRA Cumulative DPM Impacts

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

18:30:03

**MODELOPTs:

PAGE 83

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	0.00010	-90.00	-250.00	0.00010
-80.00	-250.00	0.00012	-70.00	-250.00	0.00013
-60.00	-250.00	0.00016	-50.00	-250.00	0.00018
-40.00	-250.00	0.00022	-30.00	-250.00	0.00025
-25.00	-250.00	0.00027	-20.00	-250.00	0.00029
-17.00	-250.00	0.00030	-15.00	-250.00	0.00030
-13.00	-250.00	0.00031	-11.00	-250.00	0.00032
-9.00	-250.00	0.00032	9.00	-250.00	0.00037
11.00	-250.00	0.00038	13.00	-250.00	0.00038
15.00	-250.00	0.00039	17.00	-250.00	0.00039
20.00	-250.00	0.00039	25.00	-250.00	0.00040
30.00	-250.00	0.00040	40.00	-250.00	0.00041
50.00	-250.00	0.00043	60.00	-250.00	0.00045
70.00	-250.00	0.00048	80.00	-250.00	0.00049
90.00	-250.00	0.00050	100.00	-250.00	0.00049
-100.00	-240.00	0.00010	-90.00	-240.00	0.00011
-80.00	-240.00	0.00012	-70.00	-240.00	0.00014
-60.00	-240.00	0.00016	-50.00	-240.00	0.00019
-40.00	-240.00	0.00023	-30.00	-240.00	0.00028
-25.00	-240.00	0.00030	-20.00	-240.00	0.00032
-17.00	-240.00	0.00033	-15.00	-240.00	0.00034
-13.00	-240.00	0.00034	-11.00	-240.00	0.00035
-9.00	-240.00	0.00036	9.00	-240.00	0.00042
11.00	-240.00	0.00043	13.00	-240.00	0.00043
15.00	-240.00	0.00044	17.00	-240.00	0.00044
20.00	-240.00	0.00045	25.00	-240.00	0.00045

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
30.00	-240.00	0.00046	40.00	-240.00	0.00047	
50.00	-240.00	0.00050	60.00	-240.00	0.00052	
70.00	-240.00	0.00055	80.00	-240.00	0.00056	
90.00	-240.00	0.00055	100.00	-240.00	0.00054	
-100.00	-230.00	0.00011	-90.00	-230.00	0.00012	
-80.00	-230.00	0.00013	-70.00	-230.00	0.00015	
-60.00	-230.00	0.00017	-50.00	-230.00	0.00021	
-40.00	-230.00	0.00025	-30.00	-230.00	0.00030	
-25.00	-230.00	0.00033	-20.00	-230.00	0.00035	
-17.00	-230.00	0.00037	-15.00	-230.00	0.00038	
-13.00	-230.00	0.00039	-11.00	-230.00	0.00039	
-9.00	-230.00	0.00040	9.00	-230.00	0.00048	
11.00	-230.00	0.00049	13.00	-230.00	0.00049	
15.00	-230.00	0.00050	17.00	-230.00	0.00050	

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

18:30:03

**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	0.00051	25.00	-230.00	0.00051
30.00	-230.00	0.00052	40.00	-230.00	0.00054
50.00	-230.00	0.00058	60.00	-230.00	0.00061
70.00	-230.00	0.00063	80.00	-230.00	0.00063
90.00	-230.00	0.00062	100.00	-230.00	0.00059
-100.00	-220.00	0.00013	-90.00	-220.00	0.00013
-80.00	-220.00	0.00014	-70.00	-220.00	0.00016
-60.00	-220.00	0.00018	-50.00	-220.00	0.00022
-40.00	-220.00	0.00027	-30.00	-220.00	0.00033
-25.00	-220.00	0.00036	-20.00	-220.00	0.00039
-17.00	-220.00	0.00041	-15.00	-220.00	0.00042
-13.00	-220.00	0.00043	-11.00	-220.00	0.00045
-9.00	-220.00	0.00046	9.00	-220.00	0.00055
11.00	-220.00	0.00056	13.00	-220.00	0.00057
15.00	-220.00	0.00057	17.00	-220.00	0.00058
20.00	-220.00	0.00058	25.00	-220.00	0.00059
30.00	-220.00	0.00060	40.00	-220.00	0.00064
50.00	-220.00	0.00068	60.00	-220.00	0.00071
70.00	-220.00	0.00072	80.00	-220.00	0.00071
90.00	-220.00	0.00068	100.00	-220.00	0.00064

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-210.00	0.00014	-90.00	-210.00	0.00015	
-80.00	-210.00	0.00016	-70.00	-210.00	0.00017	
-60.00	-210.00	0.00020	-50.00	-210.00	0.00023	
-40.00	-210.00	0.00028	-30.00	-210.00	0.00036	
-25.00	-210.00	0.00040	-20.00	-210.00	0.00044	
-17.00	-210.00	0.00046	-15.00	-210.00	0.00048	
-13.00	-210.00	0.00049	-11.00	-210.00	0.00051	
-9.00	-210.00	0.00052	9.00	-210.00	0.00064	
11.00	-210.00	0.00065	13.00	-210.00	0.00066	
15.00	-210.00	0.00066	17.00	-210.00	0.00067	
20.00	-210.00	0.00068	25.00	-210.00	0.00069	
30.00	-210.00	0.00071	40.00	-210.00	0.00076	
50.00	-210.00	0.00081	60.00	-210.00	0.00083	
70.00	-210.00	0.00083	80.00	-210.00	0.00080	
90.00	-210.00	0.00075	100.00	-210.00	0.00070	
-100.00	-200.00	0.00016	-90.00	-200.00	0.00017	
-80.00	-200.00	0.00018	-70.00	-200.00	0.00019	
-60.00	-200.00	0.00021	-50.00	-200.00	0.00025	
-40.00	-200.00	0.00030	-30.00	-200.00	0.00038	
-25.00	-200.00	0.00043	-20.00	-200.00	0.00049	

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

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

18:30:03

**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	0.00052	-15.00	-200.00	0.00054
-13.00	-200.00	0.00056	-11.00	-200.00	0.00058
-9.00	-200.00	0.00060	9.00	-200.00	0.00075
11.00	-200.00	0.00076	13.00	-200.00	0.00077
15.00	-200.00	0.00078	17.00	-200.00	0.00079
20.00	-200.00	0.00080	25.00	-200.00	0.00082
30.00	-200.00	0.00085	40.00	-200.00	0.00092
50.00	-200.00	0.00097	60.00	-200.00	0.00097
70.00	-200.00	0.00094	80.00	-200.00	0.00088
90.00	-200.00	0.00082	100.00	-200.00	0.00075
-100.00	-190.00	0.00017	-90.00	-190.00	0.00019
-80.00	-190.00	0.00020	-70.00	-190.00	0.00022
-60.00	-190.00	0.00024	-50.00	-190.00	0.00027
-40.00	-190.00	0.00032	-30.00	-190.00	0.00041

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-25.00	-190.00	0.00047	-20.00	-190.00	0.00054	
-17.00	-190.00	0.00058	-15.00	-190.00	0.00061	
-13.00	-190.00	0.00064	-11.00	-190.00	0.00066	
-9.00	-190.00	0.00069	9.00	-190.00	0.00089	
11.00	-190.00	0.00090	13.00	-190.00	0.00092	
15.00	-190.00	0.00093	17.00	-190.00	0.00094	
20.00	-190.00	0.00096	25.00	-190.00	0.00100	
30.00	-190.00	0.00104	40.00	-190.00	0.00113	
50.00	-190.00	0.00115	60.00	-190.00	0.00112	
70.00	-190.00	0.00106	80.00	-190.00	0.00097	
90.00	-190.00	0.00089	100.00	-190.00	0.00080	
-100.00	-180.00	0.00019	-90.00	-180.00	0.00020	
-80.00	-180.00	0.00022	-70.00	-180.00	0.00024	
-60.00	-180.00	0.00027	-50.00	-180.00	0.00030	
-40.00	-180.00	0.00035	-30.00	-180.00	0.00045	
-25.00	-180.00	0.00051	-20.00	-180.00	0.00059	
-17.00	-180.00	0.00065	-15.00	-180.00	0.00069	
-13.00	-180.00	0.00072	-11.00	-180.00	0.00076	
-9.00	-180.00	0.00079	9.00	-180.00	0.00107	
11.00	-180.00	0.00109	13.00	-180.00	0.00111	
15.00	-180.00	0.00112	17.00	-180.00	0.00114	
20.00	-180.00	0.00118	25.00	-180.00	0.00124	
30.00	-180.00	0.00130	40.00	-180.00	0.00138	
50.00	-180.00	0.00136	60.00	-180.00	0.00128	
70.00	-180.00	0.00118	80.00	-180.00	0.00106	
90.00	-180.00	0.00095	100.00	-180.00	0.00085	

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

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

18:30:03

**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	0.00020	-90.00	-170.00	0.00022
-80.00	-170.00	0.00024	-70.00	-170.00	0.00027
-60.00	-170.00	0.00030	-50.00	-170.00	0.00034
-40.00	-170.00	0.00039	-30.00	-170.00	0.00048
-25.00	-170.00	0.00055	-20.00	-170.00	0.00065
-17.00	-170.00	0.00072	-15.00	-170.00	0.00076
-13.00	-170.00	0.00081	-11.00	-170.00	0.00087
-9.00	-170.00	0.00092	9.00	-170.00	0.00130

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00133	13.00	-170.00	0.00136
15.00	-170.00	0.00140	17.00	-170.00	0.00143
20.00	-170.00	0.00149	25.00	-170.00	0.00158
30.00	-170.00	0.00165	40.00	-170.00	0.00166
50.00	-170.00	0.00157	60.00	-170.00	0.00144
70.00	-170.00	0.00130	80.00	-170.00	0.00115
90.00	-170.00	0.00102	100.00	-170.00	0.00090
-100.00	-160.00	0.00021	-90.00	-160.00	0.00023
-80.00	-160.00	0.00026	-70.00	-160.00	0.00030
-60.00	-160.00	0.00034	-50.00	-160.00	0.00039
-40.00	-160.00	0.00045	-30.00	-160.00	0.00054
-25.00	-160.00	0.00061	-20.00	-160.00	0.00070
-17.00	-160.00	0.00078	-15.00	-160.00	0.00084
-13.00	-160.00	0.00090	-11.00	-160.00	0.00097
-9.00	-160.00	0.00105	9.00	-160.00	0.00164
11.00	-160.00	0.00169	13.00	-160.00	0.00175
15.00	-160.00	0.00181	17.00	-160.00	0.00187
20.00	-160.00	0.00195	25.00	-160.00	0.00202
30.00	-160.00	0.00204	40.00	-160.00	0.00196
50.00	-160.00	0.00180	60.00	-160.00	0.00161
70.00	-160.00	0.00142	80.00	-160.00	0.00124
90.00	-160.00	0.00108	100.00	-160.00	0.00094
-100.00	-150.00	0.00022	-90.00	-150.00	0.00025
-80.00	-150.00	0.00028	-70.00	-150.00	0.00032
-60.00	-150.00	0.00037	-50.00	-150.00	0.00042
-40.00	-150.00	0.00050	-30.00	-150.00	0.00061
-25.00	-150.00	0.00068	-20.00	-150.00	0.00078
-17.00	-150.00	0.00086	-15.00	-150.00	0.00092
-13.00	-150.00	0.00099	-11.00	-150.00	0.00107
-9.00	-150.00	0.00117	9.00	-150.00	0.00218
11.00	-150.00	0.00228	13.00	-150.00	0.00236
15.00	-150.00	0.00243	17.00	-150.00	0.00248

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

18:30:03
 **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	0.00251	25.00	-150.00	0.00251
30.00	-150.00	0.00246	40.00	-150.00	0.00227

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00202	60.00	-150.00	0.00176
70.00	-150.00	0.00152	80.00	-150.00	0.00131
90.00	-150.00	0.00113	100.00	-150.00	0.00098
-100.00	-140.00	0.00023	-90.00	-140.00	0.00026
-80.00	-140.00	0.00030	-70.00	-140.00	0.00035
-60.00	-140.00	0.00040	-50.00	-140.00	0.00046
-40.00	-140.00	0.00055	-30.00	-140.00	0.00067
-25.00	-140.00	0.00075	-20.00	-140.00	0.00087
-17.00	-140.00	0.00095	-15.00	-140.00	0.00102
-13.00	-140.00	0.00111	-11.00	-140.00	0.00121
-9.00	-140.00	0.00132	9.00	-140.00	0.00313
11.00	-140.00	0.00316	13.00	-140.00	0.00318
15.00	-140.00	0.00317	17.00	-140.00	0.00316
20.00	-140.00	0.00311	25.00	-140.00	0.00301
30.00	-140.00	0.00287	40.00	-140.00	0.00255
50.00	-140.00	0.00222	60.00	-140.00	0.00189
70.00	-140.00	0.00161	80.00	-140.00	0.00137
90.00	-140.00	0.00117	100.00	-140.00	0.00101
-100.00	-130.00	0.00024	-90.00	-130.00	0.00028
-80.00	-130.00	0.00032	-70.00	-130.00	0.00038
-60.00	-130.00	0.00044	-50.00	-130.00	0.00051
-40.00	-130.00	0.00060	-30.00	-130.00	0.00073
-25.00	-130.00	0.00083	-20.00	-130.00	0.00095
-17.00	-130.00	0.00106	-15.00	-130.00	0.00114
-13.00	-130.00	0.00124	-11.00	-130.00	0.00137
-9.00	-130.00	0.00155	9.00	-130.00	0.00434
11.00	-130.00	0.00416	13.00	-130.00	0.00402
15.00	-130.00	0.00392	17.00	-130.00	0.00382
20.00	-130.00	0.00369	25.00	-130.00	0.00347
30.00	-130.00	0.00325	40.00	-130.00	0.00281
50.00	-130.00	0.00238	60.00	-130.00	0.00200
70.00	-130.00	0.00168	80.00	-130.00	0.00142
90.00	-130.00	0.00120	100.00	-130.00	0.00103
-100.00	-120.00	0.00025	-90.00	-120.00	0.00029
-80.00	-120.00	0.00034	-70.00	-120.00	0.00040
-60.00	-120.00	0.00047	-50.00	-120.00	0.00055
-40.00	-120.00	0.00066	-30.00	-120.00	0.00080
-25.00	-120.00	0.00092	-20.00	-120.00	0.00111

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

*** NCRA Cumulative DPM Impacts

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

18:30:03

**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	0.00131	-15.00	-120.00	0.00149	
-13.00	-120.00	0.00175	-11.00	-120.00	0.00211	
-9.00	-120.00	0.00263	9.00	-120.00	0.00568	
11.00	-120.00	0.00533	13.00	-120.00	0.00506	
15.00	-120.00	0.00483	17.00	-120.00	0.00463	
20.00	-120.00	0.00436	25.00	-120.00	0.00398	
30.00	-120.00	0.00364	40.00	-120.00	0.00304	
50.00	-120.00	0.00252	60.00	-120.00	0.00208	
70.00	-120.00	0.00173	80.00	-120.00	0.00145	
90.00	-120.00	0.00123	100.00	-120.00	0.00105	
-100.00	-110.00	0.00025	-90.00	-110.00	0.00029	
-80.00	-110.00	0.00035	-70.00	-110.00	0.00041	
-60.00	-110.00	0.00049	-50.00	-110.00	0.00059	
-40.00	-110.00	0.00073	-30.00	-110.00	0.00097	
-25.00	-110.00	0.00121	-20.00	-110.00	0.00162	
-17.00	-110.00	0.00202	-15.00	-110.00	0.00236	
-13.00	-110.00	0.00279	-11.00	-110.00	0.00332	
-9.00	-110.00	0.00398	9.00	-110.00	0.00669	
11.00	-110.00	0.00625	13.00	-110.00	0.00590	
15.00	-110.00	0.00561	17.00	-110.00	0.00535	
20.00	-110.00	0.00500	25.00	-110.00	0.00449	
30.00	-110.00	0.00403	40.00	-110.00	0.00325	
50.00	-110.00	0.00263	60.00	-110.00	0.00214	
70.00	-110.00	0.00176	80.00	-110.00	0.00147	
90.00	-110.00	0.00124	100.00	-110.00	0.00106	
-100.00	-100.00	0.00025	-90.00	-100.00	0.00030	
-80.00	-100.00	0.00035	-70.00	-100.00	0.00042	
-60.00	-100.00	0.00052	-50.00	-100.00	0.00066	
-40.00	-100.00	0.00088	-30.00	-100.00	0.00131	
-25.00	-100.00	0.00172	-20.00	-100.00	0.00233	
-17.00	-100.00	0.00285	-15.00	-100.00	0.00327	
-13.00	-100.00	0.00376	-11.00	-100.00	0.00435	
-9.00	-100.00	0.00505	9.00	-100.00	0.00742	
11.00	-100.00	0.00691	13.00	-100.00	0.00651	
15.00	-100.00	0.00616	17.00	-100.00	0.00586	
20.00	-100.00	0.00545	25.00	-100.00	0.00485	
30.00	-100.00	0.00432	40.00	-100.00	0.00340	
50.00	-100.00	0.00270	60.00	-100.00	0.00218	
70.00	-100.00	0.00178	80.00	-100.00	0.00148	
90.00	-100.00	0.00125	100.00	-100.00	0.00106	

07NCRA SR02-300_DPM_TRAV_ANN_N-S Bound
 1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/18/08
 *** Maximum train overlap at North/South Bound Direction ***
 18:30:03
 **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	0.00026	-90.00	-90.00	0.00030
-80.00	-90.00	0.00036	-70.00	-90.00	0.00045
-60.00	-90.00	0.00057	-50.00	-90.00	0.00077
-40.00	-90.00	0.00111	-30.00	-90.00	0.00175
-25.00	-90.00	0.00227	-20.00	-90.00	0.00300
-17.00	-90.00	0.00356	-15.00	-90.00	0.00401
-13.00	-90.00	0.00452	-11.00	-90.00	0.00512
-9.00	-90.00	0.00583	9.00	-90.00	0.00793
11.00	-90.00	0.00737	13.00	-90.00	0.00691
15.00	-90.00	0.00652	17.00	-90.00	0.00618
20.00	-90.00	0.00571	25.00	-90.00	0.00503
30.00	-90.00	0.00443	40.00	-90.00	0.00346
50.00	-90.00	0.00274	60.00	-90.00	0.00220
70.00	-90.00	0.00179	80.00	-90.00	0.00148
90.00	-90.00	0.00124	100.00	-90.00	0.00105
-100.00	-80.00	0.00026	-90.00	-80.00	0.00032
-80.00	-80.00	0.00039	-70.00	-80.00	0.00049
-60.00	-80.00	0.00065	-50.00	-80.00	0.00091
-40.00	-80.00	0.00137	-30.00	-80.00	0.00217
-25.00	-80.00	0.00277	-20.00	-80.00	0.00355
-17.00	-80.00	0.00413	-15.00	-80.00	0.00458
-13.00	-80.00	0.00509	-11.00	-80.00	0.00568
-9.00	-80.00	0.00639	9.00	-80.00	0.00825
11.00	-80.00	0.00763	13.00	-80.00	0.00713
15.00	-80.00	0.00670	17.00	-80.00	0.00631
20.00	-80.00	0.00578	25.00	-80.00	0.00503
30.00	-80.00	0.00439	40.00	-80.00	0.00342
50.00	-80.00	0.00272	60.00	-80.00	0.00219
70.00	-80.00	0.00178	80.00	-80.00	0.00147
90.00	-80.00	0.00123	100.00	-80.00	0.00104
-100.00	-70.00	0.00028	-90.00	-70.00	0.00034
-80.00	-70.00	0.00042	-70.00	-70.00	0.00055
-60.00	-70.00	0.00075	-50.00	-70.00	0.00108
-40.00	-70.00	0.00163	-30.00	-70.00	0.00253

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-25.00	-70.00	0.00317	-20.00	-70.00	0.00398
-17.00	-70.00	0.00457	-15.00	-70.00	0.00502
-13.00	-70.00	0.00552	-11.00	-70.00	0.00609
-9.00	-70.00	0.00678	9.00	-70.00	0.00834
11.00	-70.00	0.00767	13.00	-70.00	0.00712
15.00	-70.00	0.00664	17.00	-70.00	0.00621

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

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

18:30:03

**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	0.00564	25.00	-70.00	0.00485
30.00	-70.00	0.00424	40.00	-70.00	0.00331
50.00	-70.00	0.00265	60.00	-70.00	0.00214
70.00	-70.00	0.00175	80.00	-70.00	0.00145
90.00	-70.00	0.00121	100.00	-70.00	0.00103
-100.00	-60.00	0.00030	-90.00	-60.00	0.00037
-80.00	-60.00	0.00048	-70.00	-60.00	0.00063
-60.00	-60.00	0.00088	-50.00	-60.00	0.00126
-40.00	-60.00	0.00186	-30.00	-60.00	0.00281
-25.00	-60.00	0.00347	-20.00	-60.00	0.00429
-17.00	-60.00	0.00489	-15.00	-60.00	0.00534
-13.00	-60.00	0.00583	-11.00	-60.00	0.00639
-9.00	-60.00	0.00705	9.00	-60.00	0.00814
11.00	-60.00	0.00740	13.00	-60.00	0.00680
15.00	-60.00	0.00630	17.00	-60.00	0.00587
20.00	-60.00	0.00532	25.00	-60.00	0.00458
30.00	-60.00	0.00400	40.00	-60.00	0.00314
50.00	-60.00	0.00253	60.00	-60.00	0.00206
70.00	-60.00	0.00170	80.00	-60.00	0.00141
90.00	-60.00	0.00119	100.00	-60.00	0.00101
-100.00	-50.00	0.00032	-90.00	-50.00	0.00041
-80.00	-50.00	0.00053	-70.00	-50.00	0.00072
-60.00	-50.00	0.00100	-50.00	-50.00	0.00143
-40.00	-50.00	0.00207	-30.00	-50.00	0.00304
-25.00	-50.00	0.00370	-20.00	-50.00	0.00452
-17.00	-50.00	0.00510	-15.00	-50.00	0.00553
-13.00	-50.00	0.00602	-11.00	-50.00	0.00657
-9.00	-50.00	0.00720	9.00	-50.00	0.00745

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
11.00	-50.00	0.00676	13.00	-50.00	0.00621	
15.00	-50.00	0.00576	17.00	-50.00	0.00539	
20.00	-50.00	0.00490	25.00	-50.00	0.00424	
30.00	-50.00	0.00372	40.00	-50.00	0.00295	
50.00	-50.00	0.00239	60.00	-50.00	0.00197	
70.00	-50.00	0.00163	80.00	-50.00	0.00137	
90.00	-50.00	0.00116	100.00	-50.00	0.00099	
-100.00	-40.00	0.00035	-90.00	-40.00	0.00045	
-80.00	-40.00	0.00060	-70.00	-40.00	0.00081	
-60.00	-40.00	0.00112	-50.00	-40.00	0.00157	
-40.00	-40.00	0.00224	-30.00	-40.00	0.00321	
-25.00	-40.00	0.00387	-20.00	-40.00	0.00467	

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

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

18:30:03

**MODELOPTs:
 PAGE 91

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	0.00524	-15.00	-40.00	0.00566
-13.00	-40.00	0.00612	-11.00	-40.00	0.00663
-9.00	-40.00	0.00720	9.00	-40.00	0.00638
11.00	-40.00	0.00594	13.00	-40.00	0.00554
15.00	-40.00	0.00518	17.00	-40.00	0.00487
20.00	-40.00	0.00445	25.00	-40.00	0.00388
30.00	-40.00	0.00343	40.00	-40.00	0.00274
50.00	-40.00	0.00223	60.00	-40.00	0.00185
70.00	-40.00	0.00156	80.00	-40.00	0.00132
90.00	-40.00	0.00112	100.00	-40.00	0.00096
-100.00	-30.00	0.00039	-90.00	-30.00	0.00051
-80.00	-30.00	0.00067	-70.00	-30.00	0.00090
-60.00	-30.00	0.00123	-50.00	-30.00	0.00170
-40.00	-30.00	0.00238	-30.00	-30.00	0.00334
-25.00	-30.00	0.00397	-20.00	-30.00	0.00470
-17.00	-30.00	0.00517	-15.00	-30.00	0.00549
-13.00	-30.00	0.00579	-11.00	-30.00	0.00607
-9.00	-30.00	0.00629	9.00	-30.00	0.00511
11.00	-30.00	0.00484	13.00	-30.00	0.00459
15.00	-30.00	0.00436	17.00	-30.00	0.00414
20.00	-30.00	0.00385	25.00	-30.00	0.00343
30.00	-30.00	0.00307	40.00	-30.00	0.00250

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
50.00	-30.00	0.00207	60.00	-30.00	0.00173	
70.00	-30.00	0.00147	80.00	-30.00	0.00125	
90.00	-30.00	0.00108	100.00	-30.00	0.00093	
-100.00	-20.00	0.00043	-90.00	-20.00	0.00056	
-80.00	-20.00	0.00074	-70.00	-20.00	0.00099	
-60.00	-20.00	0.00133	-50.00	-20.00	0.00181	
-40.00	-20.00	0.00246	-30.00	-20.00	0.00333	
-25.00	-20.00	0.00383	-20.00	-20.00	0.00433	
-17.00	-20.00	0.00460	-15.00	-20.00	0.00475	
-13.00	-20.00	0.00487	-11.00	-20.00	0.00497	
-9.00	-20.00	0.00504	9.00	-20.00	0.00415	
11.00	-20.00	0.00396	13.00	-20.00	0.00378	
15.00	-20.00	0.00361	17.00	-20.00	0.00345	
20.00	-20.00	0.00323	25.00	-20.00	0.00292	
30.00	-20.00	0.00266	40.00	-20.00	0.00223	
50.00	-20.00	0.00188	60.00	-20.00	0.00160	
70.00	-20.00	0.00137	80.00	-20.00	0.00118	
90.00	-20.00	0.00103	100.00	-20.00	0.00090	

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

18:30:03

**MODELOPTs:

PAGE 92

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
-100.00	-10.00	0.00048	-90.00	-10.00	0.00062
-80.00	-10.00	0.00081	-70.00	-10.00	0.00106
-60.00	-10.00	0.00140	-50.00	-10.00	0.00186
-40.00	-10.00	0.00244	-30.00	-10.00	0.00312
-25.00	-10.00	0.00345	-20.00	-10.00	0.00372
-17.00	-10.00	0.00385	-15.00	-10.00	0.00392
-13.00	-10.00	0.00397	-11.00	-10.00	0.00401
-9.00	-10.00	0.00402	9.00	-10.00	0.00341
11.00	-10.00	0.00328	13.00	-10.00	0.00315
15.00	-10.00	0.00303	17.00	-10.00	0.00291
20.00	-10.00	0.00274	25.00	-10.00	0.00249
30.00	-10.00	0.00228	40.00	-10.00	0.00195
50.00	-10.00	0.00168	60.00	-10.00	0.00146
70.00	-10.00	0.00127	80.00	-10.00	0.00111
90.00	-10.00	0.00097	100.00	-10.00	0.00085
-100.00	0.00	0.00053	-90.00	0.00	0.00067

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-80.00	0.00	0.00086	-70.00	0.00	0.00112
-60.00	0.00	0.00144	-50.00	0.00	0.00185
-40.00	0.00	0.00232	-30.00	0.00	0.00278
-25.00	0.00	0.00298	-20.00	0.00	0.00313
-17.00	0.00	0.00320	-15.00	0.00	0.00323
-13.00	0.00	0.00325	-11.00	0.00	0.00326
-9.00	0.00	0.00326	9.00	0.00	0.00283
11.00	0.00	0.00274	13.00	0.00	0.00265
15.00	0.00	0.00256	17.00	0.00	0.00247
20.00	0.00	0.00234	25.00	0.00	0.00214
30.00	0.00	0.00197	40.00	0.00	0.00170
50.00	0.00	0.00149	60.00	0.00	0.00131
70.00	0.00	0.00116	80.00	0.00	0.00102
90.00	0.00	0.00091	100.00	0.00	0.00081
-100.00	10.00	0.00057	-90.00	10.00	0.00071
-80.00	10.00	0.00090	-70.00	10.00	0.00114
-60.00	10.00	0.00144	-50.00	10.00	0.00177
-40.00	10.00	0.00212	-30.00	10.00	0.00243
-25.00	10.00	0.00255	-20.00	10.00	0.00263
-17.00	10.00	0.00266	-15.00	10.00	0.00268
-13.00	10.00	0.00268	-11.00	10.00	0.00268
-9.00	10.00	0.00268	9.00	10.00	0.00237
11.00	10.00	0.00231	13.00	10.00	0.00225
15.00	10.00	0.00218	17.00	10.00	0.00212

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

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

18:30:03
 **MODELOPTs:
 PAGE 93
 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	0.00202	25.00	10.00	0.00186
30.00	10.00	0.00172	40.00	10.00	0.00149
50.00	10.00	0.00131	60.00	10.00	0.00117
70.00	10.00	0.00105	80.00	10.00	0.00094
90.00	10.00	0.00084	100.00	10.00	0.00076
-100.00	20.00	0.00060	-90.00	20.00	0.00074
-80.00	20.00	0.00092	-70.00	20.00	0.00114
-60.00	20.00	0.00139	-50.00	20.00	0.00165
-40.00	20.00	0.00191	-30.00	20.00	0.00211
-25.00	20.00	0.00218	-20.00	20.00	0.00223

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-17.00	20.00	0.00224	-15.00	20.00	0.00225	
-13.00	20.00	0.00225	-11.00	20.00	0.00224	
-9.00	20.00	0.00223	9.00	20.00	0.00201	
11.00	20.00	0.00197	13.00	20.00	0.00193	
15.00	20.00	0.00188	17.00	20.00	0.00183	
20.00	20.00	0.00175	25.00	20.00	0.00162	
30.00	20.00	0.00151	40.00	20.00	0.00132	
50.00	20.00	0.00117	60.00	20.00	0.00104	
70.00	20.00	0.00094	80.00	20.00	0.00085	
90.00	20.00	0.00078	100.00	20.00	0.00070	
-100.00	30.00	0.00062	-90.00	30.00	0.00076	
-80.00	30.00	0.00093	-70.00	30.00	0.00111	
-60.00	30.00	0.00132	-50.00	30.00	0.00152	
-40.00	30.00	0.00170	-30.00	30.00	0.00183	
-25.00	30.00	0.00187	-20.00	30.00	0.00190	
-17.00	30.00	0.00191	-15.00	30.00	0.00191	
-13.00	30.00	0.00190	-11.00	30.00	0.00190	
-9.00	30.00	0.00189	9.00	30.00	0.00172	
11.00	30.00	0.00169	13.00	30.00	0.00166	
15.00	30.00	0.00163	17.00	30.00	0.00159	
20.00	30.00	0.00153	25.00	30.00	0.00143	
30.00	30.00	0.00134	40.00	30.00	0.00118	
50.00	30.00	0.00105	60.00	30.00	0.00094	
70.00	30.00	0.00085	80.00	30.00	0.00078	
90.00	30.00	0.00071	100.00	30.00	0.00065	
-100.00	40.00	0.00064	-90.00	40.00	0.00076	
-80.00	40.00	0.00091	-70.00	40.00	0.00107	
-60.00	40.00	0.00123	-50.00	40.00	0.00138	
-40.00	40.00	0.00151	-30.00	40.00	0.00159	
-25.00	40.00	0.00162	-20.00	40.00	0.00164	

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_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	0.00164	-15.00	40.00	0.00164
-13.00	40.00	0.00163	-11.00	40.00	0.00163
-9.00	40.00	0.00162	9.00	40.00	0.00149
11.00	40.00	0.00147	13.00	40.00	0.00144

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

15.00	40.00	0.00142	17.00	40.00	0.00139
20.00	40.00	0.00135	25.00	40.00	0.00127
30.00	40.00	0.00119	40.00	40.00	0.00106
50.00	40.00	0.00094	60.00	40.00	0.00085
70.00	40.00	0.00077	80.00	40.00	0.00071
90.00	40.00	0.00065	100.00	40.00	0.00060
-100.00	50.00	0.00064	-90.00	50.00	0.00075
-80.00	50.00	0.00088	-70.00	50.00	0.00101
-60.00	50.00	0.00114	-50.00	50.00	0.00125
-40.00	50.00	0.00134	-30.00	50.00	0.00140
-25.00	50.00	0.00141	-20.00	50.00	0.00142
-17.00	50.00	0.00142	-15.00	50.00	0.00142
-13.00	50.00	0.00141	-11.00	50.00	0.00141
-9.00	50.00	0.00140	9.00	50.00	0.00130
11.00	50.00	0.00128	13.00	50.00	0.00126
15.00	50.00	0.00125	17.00	50.00	0.00122
20.00	50.00	0.00119	25.00	50.00	0.00113
30.00	50.00	0.00107	40.00	50.00	0.00095
50.00	50.00	0.00086	60.00	50.00	0.00077
70.00	50.00	0.00070	80.00	50.00	0.00065
90.00	50.00	0.00060	100.00	50.00	0.00055
-100.00	60.00	0.00064	-90.00	60.00	0.00074
-80.00	60.00	0.00084	-70.00	60.00	0.00095
-60.00	60.00	0.00104	-50.00	60.00	0.00113
-40.00	60.00	0.00119	-30.00	60.00	0.00123
-25.00	60.00	0.00124	-20.00	60.00	0.00125
-17.00	60.00	0.00124	-15.00	60.00	0.00124
-13.00	60.00	0.00124	-11.00	60.00	0.00123
-9.00	60.00	0.00122	9.00	60.00	0.00114
11.00	60.00	0.00113	13.00	60.00	0.00112
15.00	60.00	0.00110	17.00	60.00	0.00109
20.00	60.00	0.00106	25.00	60.00	0.00101
30.00	60.00	0.00096	40.00	60.00	0.00086
50.00	60.00	0.00078	60.00	60.00	0.00071
70.00	60.00	0.00065	80.00	60.00	0.00059
90.00	60.00	0.00055	100.00	60.00	0.00051

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

18:30:03
 **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 **

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00062	-90.00	70.00	0.00071
-80.00	70.00	0.00080	-70.00	70.00	0.00088
-60.00	70.00	0.00096	-50.00	70.00	0.00102
-40.00	70.00	0.00107	-30.00	70.00	0.00109
-25.00	70.00	0.00110	-20.00	70.00	0.00110
-17.00	70.00	0.00110	-15.00	70.00	0.00110
-13.00	70.00	0.00109	-11.00	70.00	0.00109
-9.00	70.00	0.00108	9.00	70.00	0.00101
11.00	70.00	0.00100	13.00	70.00	0.00099
15.00	70.00	0.00098	17.00	70.00	0.00097
20.00	70.00	0.00095	25.00	70.00	0.00091
30.00	70.00	0.00087	40.00	70.00	0.00078
50.00	70.00	0.00071	60.00	70.00	0.00065
70.00	70.00	0.00060	80.00	70.00	0.00055
90.00	70.00	0.00051	100.00	70.00	0.00047
-100.00	80.00	0.00060	-90.00	80.00	0.00068
-80.00	80.00	0.00075	-70.00	80.00	0.00082
-60.00	80.00	0.00088	-50.00	80.00	0.00092
-40.00	80.00	0.00096	-30.00	80.00	0.00098
-25.00	80.00	0.00098	-20.00	80.00	0.00098
-17.00	80.00	0.00098	-15.00	80.00	0.00097
-13.00	80.00	0.00097	-11.00	80.00	0.00096
-9.00	80.00	0.00096	9.00	80.00	0.00090
11.00	80.00	0.00089	13.00	80.00	0.00089
15.00	80.00	0.00088	17.00	80.00	0.00087
20.00	80.00	0.00085	25.00	80.00	0.00082
30.00	80.00	0.00079	40.00	80.00	0.00072
50.00	80.00	0.00065	60.00	80.00	0.00060
70.00	80.00	0.00055	80.00	80.00	0.00051
90.00	80.00	0.00047	100.00	80.00	0.00044
-100.00	90.00	0.00058	-90.00	90.00	0.00064
-80.00	90.00	0.00070	-70.00	90.00	0.00076
-60.00	90.00	0.00080	-50.00	90.00	0.00084
-40.00	90.00	0.00086	-30.00	90.00	0.00088
-25.00	90.00	0.00088	-20.00	90.00	0.00088
-17.00	90.00	0.00087	-15.00	90.00	0.00087
-13.00	90.00	0.00087	-11.00	90.00	0.00086
-9.00	90.00	0.00086	9.00	90.00	0.00081
11.00	90.00	0.00080	13.00	90.00	0.00080
15.00	90.00	0.00079	17.00	90.00	0.00078

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

*** NCRA Cumulative DPM Impacts

18:30:03

*** 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	90.00	0.00077	25.00	90.00	0.00075
30.00	90.00	0.00072	40.00	90.00	0.00066
50.00	90.00	0.00060	60.00	90.00	0.00055
70.00	90.00	0.00051	80.00	90.00	0.00047
90.00	90.00	0.00044	100.00	90.00	0.00041
-100.00	100.00	0.00056	-90.00	100.00	0.00061
-80.00	100.00	0.00066	-70.00	100.00	0.00070
-60.00	100.00	0.00074	-50.00	100.00	0.00076
-40.00	100.00	0.00078	-30.00	100.00	0.00079
-25.00	100.00	0.00079	-20.00	100.00	0.00079
-17.00	100.00	0.00079	-15.00	100.00	0.00078
-13.00	100.00	0.00078	-11.00	100.00	0.00078
-9.00	100.00	0.00077	9.00	100.00	0.00073
11.00	100.00	0.00073	13.00	100.00	0.00072
15.00	100.00	0.00072	17.00	100.00	0.00071
20.00	100.00	0.00070	25.00	100.00	0.00068
30.00	100.00	0.00066	40.00	100.00	0.00060
50.00	100.00	0.00055	60.00	100.00	0.00051
70.00	100.00	0.00048	80.00	100.00	0.00044
90.00	100.00	0.00041	100.00	100.00	0.00038
-100.00	110.00	0.00053	-90.00	110.00	0.00057
-80.00	110.00	0.00062	-70.00	110.00	0.00065
-60.00	110.00	0.00068	-50.00	110.00	0.00070
-40.00	110.00	0.00071	-30.00	110.00	0.00072
-25.00	110.00	0.00072	-20.00	110.00	0.00072
-17.00	110.00	0.00071	-15.00	110.00	0.00071
-13.00	110.00	0.00071	-11.00	110.00	0.00070
-9.00	110.00	0.00070	9.00	110.00	0.00066
11.00	110.00	0.00066	13.00	110.00	0.00066
15.00	110.00	0.00065	17.00	110.00	0.00065
20.00	110.00	0.00064	25.00	110.00	0.00062
30.00	110.00	0.00060	40.00	110.00	0.00056
50.00	110.00	0.00051	60.00	110.00	0.00048
70.00	110.00	0.00044	80.00	110.00	0.00041
90.00	110.00	0.00039	100.00	110.00	0.00036
-100.00	120.00	0.00050	-90.00	120.00	0.00054

X-Coord (M)	Y-Coord (M)	Concentration	X-Coord (M)	Y-Coord (M)	Concentration
-80.00	120.00	0.00057	-70.00	120.00	0.00060
-60.00	120.00	0.00062	-50.00	120.00	0.00064
-40.00	120.00	0.00065	-30.00	120.00	0.00066
-25.00	120.00	0.00065	-20.00	120.00	0.00065

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

18:30:03
 **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	0.00065	-15.00	120.00	0.00064
-13.00	120.00	0.00064	-11.00	120.00	0.00064
-9.00	120.00	0.00064	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	0.00059
20.00	120.00	0.00058	25.00	120.00	0.00057
30.00	120.00	0.00055	40.00	120.00	0.00052
50.00	120.00	0.00048	60.00	120.00	0.00044
70.00	120.00	0.00041	80.00	120.00	0.00039
90.00	120.00	0.00036	100.00	120.00	0.00034
-100.00	130.00	0.00048	-90.00	130.00	0.00051
-80.00	130.00	0.00054	-70.00	130.00	0.00056
-60.00	130.00	0.00058	-50.00	130.00	0.00059
-40.00	130.00	0.00060	-30.00	130.00	0.00060
-25.00	130.00	0.00060	-20.00	130.00	0.00059
-17.00	130.00	0.00059	-15.00	130.00	0.00059
-13.00	130.00	0.00059	-11.00	130.00	0.00058
-9.00	130.00	0.00058	9.00	130.00	0.00055
11.00	130.00	0.00055	13.00	130.00	0.00055
15.00	130.00	0.00055	17.00	130.00	0.00054
20.00	130.00	0.00054	25.00	130.00	0.00052
30.00	130.00	0.00051	40.00	130.00	0.00048
50.00	130.00	0.00045	60.00	130.00	0.00041
70.00	130.00	0.00039	80.00	130.00	0.00036
90.00	130.00	0.00034	100.00	130.00	0.00032
-100.00	140.00	0.00045	-90.00	140.00	0.00048
-80.00	140.00	0.00050	-70.00	140.00	0.00052
-60.00	140.00	0.00053	-50.00	140.00	0.00054
-40.00	140.00	0.00055	-30.00	140.00	0.00055
-25.00	140.00	0.00055	-20.00	140.00	0.00055

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-17.00	140.00	0.00054	-15.00	140.00	0.00054	
-13.00	140.00	0.00054	-11.00	140.00	0.00054	
-9.00	140.00	0.00053	9.00	140.00	0.00051	
11.00	140.00	0.00051	13.00	140.00	0.00050	
15.00	140.00	0.00050	17.00	140.00	0.00050	
20.00	140.00	0.00049	25.00	140.00	0.00048	
30.00	140.00	0.00047	40.00	140.00	0.00045	
50.00	140.00	0.00042	60.00	140.00	0.00039	
70.00	140.00	0.00036	80.00	140.00	0.00034	
90.00	140.00	0.00032	100.00	140.00	0.00030	

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_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	0.00043	-90.00	150.00	0.00045
-80.00	150.00	0.00047	-70.00	150.00	0.00048
-60.00	150.00	0.00049	-50.00	150.00	0.00050
-40.00	150.00	0.00051	-30.00	150.00	0.00051
-25.00	150.00	0.00051	-20.00	150.00	0.00050
-17.00	150.00	0.00050	-15.00	150.00	0.00050
-13.00	150.00	0.00050	-11.00	150.00	0.00049
-9.00	150.00	0.00049	9.00	150.00	0.00047
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	0.00046	25.00	150.00	0.00045
30.00	150.00	0.00044	40.00	150.00	0.00042
50.00	150.00	0.00039	60.00	150.00	0.00036
70.00	150.00	0.00034	80.00	150.00	0.00032
90.00	150.00	0.00030	100.00	150.00	0.00029
-100.00	160.00	0.00041	-90.00	160.00	0.00042
-80.00	160.00	0.00044	-70.00	160.00	0.00045
-60.00	160.00	0.00046	-50.00	160.00	0.00047
-40.00	160.00	0.00047	-30.00	160.00	0.00047
-25.00	160.00	0.00047	-20.00	160.00	0.00046
-17.00	160.00	0.00046	-15.00	160.00	0.00046
-13.00	160.00	0.00046	-11.00	160.00	0.00046
-9.00	160.00	0.00045	9.00	160.00	0.00044
11.00	160.00	0.00043	13.00	160.00	0.00043

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

70.00	180.00	0.00029	80.00	180.00	0.00027
90.00	180.00	0.00026	100.00	180.00	0.00024
-100.00	190.00	0.00034	-90.00	190.00	0.00035
-80.00	190.00	0.00036	-70.00	190.00	0.00037
-60.00	190.00	0.00037	-50.00	190.00	0.00038
-40.00	190.00	0.00038	-30.00	190.00	0.00038
-25.00	190.00	0.00038	-20.00	190.00	0.00037
-17.00	190.00	0.00037	-15.00	190.00	0.00037
-13.00	190.00	0.00037	-11.00	190.00	0.00037
-9.00	190.00	0.00037	9.00	190.00	0.00035
11.00	190.00	0.00035	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	0.00034
30.00	190.00	0.00033	40.00	190.00	0.00032
50.00	190.00	0.00031	60.00	190.00	0.00029
70.00	190.00	0.00027	80.00	190.00	0.00026
90.00	190.00	0.00024	100.00	190.00	0.00023
-100.00	200.00	0.00033	-90.00	200.00	0.00033
-80.00	200.00	0.00034	-70.00	200.00	0.00035
-60.00	200.00	0.00035	-50.00	200.00	0.00035
-40.00	200.00	0.00036	-30.00	200.00	0.00035
-25.00	200.00	0.00035	-20.00	200.00	0.00035

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

18:30:03
 **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	200.00	0.00035	-15.00	200.00	0.00035
-13.00	200.00	0.00034	-11.00	200.00	0.00034
-9.00	200.00	0.00034	9.00	200.00	0.00033
11.00	200.00	0.00033	13.00	200.00	0.00033
15.00	200.00	0.00033	17.00	200.00	0.00032
20.00	200.00	0.00032	25.00	200.00	0.00032
30.00	200.00	0.00031	40.00	200.00	0.00030
50.00	200.00	0.00029	60.00	200.00	0.00027
70.00	200.00	0.00026	80.00	200.00	0.00024
90.00	200.00	0.00023	100.00	200.00	0.00022
-100.00	210.00	0.00031	-90.00	210.00	0.00032
-80.00	210.00	0.00032	-70.00	210.00	0.00033

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

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

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

18:30:03
 **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	0.00028	-90.00	230.00	0.00028
-80.00	230.00	0.00029	-70.00	230.00	0.00029
-60.00	230.00	0.00029	-50.00	230.00	0.00030
-40.00	230.00	0.00029	-30.00	230.00	0.00029
-25.00	230.00	0.00029	-20.00	230.00	0.00029
-17.00	230.00	0.00029	-15.00	230.00	0.00029

		07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound			
20.00	250.00	0.00024	25.00	250.00	0.00024
30.00	250.00	0.00024	40.00	250.00	0.00023
50.00	250.00	0.00022	60.00	250.00	0.00021
70.00	250.00	0.00020	80.00	250.00	0.00019
90.00	250.00	0.00018	100.00	250.00	0.00018

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

18:30:03
 **MODELOPTs:
 PAGE 103
 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	0.00021	-90.00	-250.00	0.00023
-80.00	-250.00	0.00026	-70.00	-250.00	0.00030
-60.00	-250.00	0.00034	-50.00	-250.00	0.00039
-40.00	-250.00	0.00045	-30.00	-250.00	0.00054
-25.00	-250.00	0.00061	-20.00	-250.00	0.00070
-17.00	-250.00	0.00078	-15.00	-250.00	0.00084
-13.00	-250.00	0.00090	-11.00	-250.00	0.00097
-9.00	-250.00	0.00105	9.00	-250.00	0.00164
11.00	-250.00	0.00169	13.00	-250.00	0.00175
15.00	-250.00	0.00181	17.00	-250.00	0.00187
20.00	-250.00	0.00195	25.00	-250.00	0.00202
30.00	-250.00	0.00204	40.00	-250.00	0.00196
50.00	-250.00	0.00180	60.00	-250.00	0.00161
70.00	-250.00	0.00142	80.00	-250.00	0.00124
90.00	-250.00	0.00108	100.00	-250.00	0.00094
-100.00	-240.00	0.00022	-90.00	-240.00	0.00025
-80.00	-240.00	0.00028	-70.00	-240.00	0.00032
-60.00	-240.00	0.00037	-50.00	-240.00	0.00042
-40.00	-240.00	0.00050	-30.00	-240.00	0.00061
-25.00	-240.00	0.00068	-20.00	-240.00	0.00078
-17.00	-240.00	0.00086	-15.00	-240.00	0.00092
-13.00	-240.00	0.00099	-11.00	-240.00	0.00107
-9.00	-240.00	0.00117	9.00	-240.00	0.00218
11.00	-240.00	0.00228	13.00	-240.00	0.00236
15.00	-240.00	0.00243	17.00	-240.00	0.00248
20.00	-240.00	0.00251	25.00	-240.00	0.00251
30.00	-240.00	0.00246	40.00	-240.00	0.00227
50.00	-240.00	0.00202	60.00	-240.00	0.00176
70.00	-240.00	0.00152	80.00	-240.00	0.00131

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
90.00	-240.00	0.00113	100.00	-240.00	0.00098	
-100.00	-230.00	0.00023	-90.00	-230.00	0.00026	
-80.00	-230.00	0.00030	-70.00	-230.00	0.00035	
-60.00	-230.00	0.00040	-50.00	-230.00	0.00046	
-40.00	-230.00	0.00055	-30.00	-230.00	0.00067	
-25.00	-230.00	0.00075	-20.00	-230.00	0.00087	
-17.00	-230.00	0.00095	-15.00	-230.00	0.00102	
-13.00	-230.00	0.00111	-11.00	-230.00	0.00121	
-9.00	-230.00	0.00132	9.00	-230.00	0.00313	
11.00	-230.00	0.00316	13.00	-230.00	0.00318	
15.00	-230.00	0.00317	17.00	-230.00	0.00316	

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

18:30:03

**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	0.00311	25.00	-230.00	0.00301
30.00	-230.00	0.00287	40.00	-230.00	0.00255
50.00	-230.00	0.00222	60.00	-230.00	0.00189
70.00	-230.00	0.00161	80.00	-230.00	0.00137
90.00	-230.00	0.00117	100.00	-230.00	0.00101
-100.00	-220.00	0.00024	-90.00	-220.00	0.00028
-80.00	-220.00	0.00032	-70.00	-220.00	0.00038
-60.00	-220.00	0.00044	-50.00	-220.00	0.00051
-40.00	-220.00	0.00060	-30.00	-220.00	0.00073
-25.00	-220.00	0.00083	-20.00	-220.00	0.00095
-17.00	-220.00	0.00106	-15.00	-220.00	0.00114
-13.00	-220.00	0.00124	-11.00	-220.00	0.00137
-9.00	-220.00	0.00155	9.00	-220.00	0.00434
11.00	-220.00	0.00416	13.00	-220.00	0.00402
15.00	-220.00	0.00392	17.00	-220.00	0.00382
20.00	-220.00	0.00369	25.00	-220.00	0.00347
30.00	-220.00	0.00325	40.00	-220.00	0.00281
50.00	-220.00	0.00238	60.00	-220.00	0.00200
70.00	-220.00	0.00168	80.00	-220.00	0.00142
90.00	-220.00	0.00120	100.00	-220.00	0.00103
-100.00	-210.00	0.00025	-90.00	-210.00	0.00029
-80.00	-210.00	0.00034	-70.00	-210.00	0.00040
-60.00	-210.00	0.00047	-50.00	-210.00	0.00055

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-40.00	-210.00	0.00066	-30.00	-210.00	0.00080	
-25.00	-210.00	0.00092	-20.00	-210.00	0.00111	
-17.00	-210.00	0.00131	-15.00	-210.00	0.00149	
-13.00	-210.00	0.00175	-11.00	-210.00	0.00211	
-9.00	-210.00	0.00263	9.00	-210.00	0.00568	
11.00	-210.00	0.00533	13.00	-210.00	0.00506	
15.00	-210.00	0.00483	17.00	-210.00	0.00463	
20.00	-210.00	0.00436	25.00	-210.00	0.00398	
30.00	-210.00	0.00364	40.00	-210.00	0.00304	
50.00	-210.00	0.00252	60.00	-210.00	0.00208	
70.00	-210.00	0.00173	80.00	-210.00	0.00145	
90.00	-210.00	0.00123	100.00	-210.00	0.00105	
-100.00	-200.00	0.00025	-90.00	-200.00	0.00029	
-80.00	-200.00	0.00035	-70.00	-200.00	0.00041	
-60.00	-200.00	0.00049	-50.00	-200.00	0.00059	
-40.00	-200.00	0.00073	-30.00	-200.00	0.00097	
-25.00	-200.00	0.00121	-20.00	-200.00	0.00162	

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

18:30:03
 **MODELOPTs:
 PAGE 105
 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	0.00202	-15.00	-200.00	0.00236
-13.00	-200.00	0.00279	-11.00	-200.00	0.00332
-9.00	-200.00	0.00398	9.00	-200.00	0.00669
11.00	-200.00	0.00625	13.00	-200.00	0.00590
15.00	-200.00	0.00561	17.00	-200.00	0.00535
20.00	-200.00	0.00500	25.00	-200.00	0.00449
30.00	-200.00	0.00403	40.00	-200.00	0.00325
50.00	-200.00	0.00263	60.00	-200.00	0.00214
70.00	-200.00	0.00176	80.00	-200.00	0.00147
90.00	-200.00	0.00124	100.00	-200.00	0.00106
-100.00	-190.00	0.00025	-90.00	-190.00	0.00030
-80.00	-190.00	0.00035	-70.00	-190.00	0.00042
-60.00	-190.00	0.00052	-50.00	-190.00	0.00066
-40.00	-190.00	0.00088	-30.00	-190.00	0.00131
-25.00	-190.00	0.00172	-20.00	-190.00	0.00233
-17.00	-190.00	0.00285	-15.00	-190.00	0.00327
-13.00	-190.00	0.00376	-11.00	-190.00	0.00435

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-9.00	-190.00	0.00505	9.00	-190.00	0.00742	
11.00	-190.00	0.00691	13.00	-190.00	0.00651	
15.00	-190.00	0.00616	17.00	-190.00	0.00586	
20.00	-190.00	0.00545	25.00	-190.00	0.00485	
30.00	-190.00	0.00432	40.00	-190.00	0.00340	
50.00	-190.00	0.00270	60.00	-190.00	0.00218	
70.00	-190.00	0.00178	80.00	-190.00	0.00148	
90.00	-190.00	0.00125	100.00	-190.00	0.00106	
-100.00	-180.00	0.00026	-90.00	-180.00	0.00030	
-80.00	-180.00	0.00036	-70.00	-180.00	0.00045	
-60.00	-180.00	0.00057	-50.00	-180.00	0.00077	
-40.00	-180.00	0.00111	-30.00	-180.00	0.00175	
-25.00	-180.00	0.00227	-20.00	-180.00	0.00300	
-17.00	-180.00	0.00356	-15.00	-180.00	0.00401	
-13.00	-180.00	0.00452	-11.00	-180.00	0.00512	
-9.00	-180.00	0.00583	9.00	-180.00	0.00793	
11.00	-180.00	0.00737	13.00	-180.00	0.00691	
15.00	-180.00	0.00652	17.00	-180.00	0.00618	
20.00	-180.00	0.00571	25.00	-180.00	0.00503	
30.00	-180.00	0.00443	40.00	-180.00	0.00346	
50.00	-180.00	0.00274	60.00	-180.00	0.00220	
70.00	-180.00	0.00179	80.00	-180.00	0.00148	
90.00	-180.00	0.00124	100.00	-180.00	0.00105	

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

18:30:03
 **MODELOPTs:
 PAGE 106
 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	0.00026	-90.00	-170.00	0.00032
-80.00	-170.00	0.00039	-70.00	-170.00	0.00049
-60.00	-170.00	0.00065	-50.00	-170.00	0.00091
-40.00	-170.00	0.00137	-30.00	-170.00	0.00217
-25.00	-170.00	0.00277	-20.00	-170.00	0.00355
-17.00	-170.00	0.00413	-15.00	-170.00	0.00458
-13.00	-170.00	0.00509	-11.00	-170.00	0.00568
-9.00	-170.00	0.00639	9.00	-170.00	0.00825
11.00	-170.00	0.00763	13.00	-170.00	0.00713
15.00	-170.00	0.00670	17.00	-170.00	0.00631
20.00	-170.00	0.00578	25.00	-170.00	0.00503

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
30.00	-170.00	0.00439	40.00	-170.00	0.00342	
50.00	-170.00	0.00272	60.00	-170.00	0.00219	
70.00	-170.00	0.00178	80.00	-170.00	0.00147	
90.00	-170.00	0.00123	100.00	-170.00	0.00104	
-100.00	-160.00	0.00028	-90.00	-160.00	0.00034	
-80.00	-160.00	0.00042	-70.00	-160.00	0.00055	
-60.00	-160.00	0.00075	-50.00	-160.00	0.00108	
-40.00	-160.00	0.00163	-30.00	-160.00	0.00253	
-25.00	-160.00	0.00317	-20.00	-160.00	0.00398	
-17.00	-160.00	0.00457	-15.00	-160.00	0.00502	
-13.00	-160.00	0.00552	-11.00	-160.00	0.00609	
-9.00	-160.00	0.00678	9.00	-160.00	0.00834	
11.00	-160.00	0.00767	13.00	-160.00	0.00712	
15.00	-160.00	0.00664	17.00	-160.00	0.00621	
20.00	-160.00	0.00564	25.00	-160.00	0.00485	
30.00	-160.00	0.00424	40.00	-160.00	0.00331	
50.00	-160.00	0.00265	60.00	-160.00	0.00214	
70.00	-160.00	0.00175	80.00	-160.00	0.00145	
90.00	-160.00	0.00121	100.00	-160.00	0.00103	
-100.00	-150.00	0.00030	-90.00	-150.00	0.00037	
-80.00	-150.00	0.00048	-70.00	-150.00	0.00063	
-60.00	-150.00	0.00088	-50.00	-150.00	0.00126	
-40.00	-150.00	0.00186	-30.00	-150.00	0.00281	
-25.00	-150.00	0.00347	-20.00	-150.00	0.00429	
-17.00	-150.00	0.00489	-15.00	-150.00	0.00534	
-13.00	-150.00	0.00583	-11.00	-150.00	0.00639	
-9.00	-150.00	0.00705	9.00	-150.00	0.00814	
11.00	-150.00	0.00740	13.00	-150.00	0.00680	
15.00	-150.00	0.00630	17.00	-150.00	0.00587	

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

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

18:30:03
 **MODELOPTs:
 PAGE 107
 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	0.00532	25.00	-150.00	0.00458
30.00	-150.00	0.00400	40.00	-150.00	0.00314
50.00	-150.00	0.00253	60.00	-150.00	0.00206
70.00	-150.00	0.00170	80.00	-150.00	0.00141
90.00	-150.00	0.00119	100.00	-150.00	0.00101

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-100.00	-140.00	0.00032	-90.00	-140.00	0.00041	
-80.00	-140.00	0.00053	-70.00	-140.00	0.00072	
-60.00	-140.00	0.00100	-50.00	-140.00	0.00143	
-40.00	-140.00	0.00207	-30.00	-140.00	0.00304	
-25.00	-140.00	0.00370	-20.00	-140.00	0.00452	
-17.00	-140.00	0.00510	-15.00	-140.00	0.00553	
-13.00	-140.00	0.00602	-11.00	-140.00	0.00657	
-9.00	-140.00	0.00720	9.00	-140.00	0.00745	
11.00	-140.00	0.00676	13.00	-140.00	0.00621	
15.00	-140.00	0.00576	17.00	-140.00	0.00539	
20.00	-140.00	0.00490	25.00	-140.00	0.00424	
30.00	-140.00	0.00372	40.00	-140.00	0.00295	
50.00	-140.00	0.00239	60.00	-140.00	0.00197	
70.00	-140.00	0.00163	80.00	-140.00	0.00137	
90.00	-140.00	0.00116	100.00	-140.00	0.00099	
-100.00	-130.00	0.00035	-90.00	-130.00	0.00045	
-80.00	-130.00	0.00060	-70.00	-130.00	0.00081	
-60.00	-130.00	0.00112	-50.00	-130.00	0.00157	
-40.00	-130.00	0.00224	-30.00	-130.00	0.00321	
-25.00	-130.00	0.00387	-20.00	-130.00	0.00467	
-17.00	-130.00	0.00524	-15.00	-130.00	0.00566	
-13.00	-130.00	0.00612	-11.00	-130.00	0.00663	
-9.00	-130.00	0.00720	9.00	-130.00	0.00638	
11.00	-130.00	0.00594	13.00	-130.00	0.00554	
15.00	-130.00	0.00518	17.00	-130.00	0.00487	
20.00	-130.00	0.00445	25.00	-130.00	0.00388	
30.00	-130.00	0.00343	40.00	-130.00	0.00274	
50.00	-130.00	0.00223	60.00	-130.00	0.00185	
70.00	-130.00	0.00156	80.00	-130.00	0.00132	
90.00	-130.00	0.00112	100.00	-130.00	0.00096	
-100.00	-120.00	0.00039	-90.00	-120.00	0.00051	
-80.00	-120.00	0.00067	-70.00	-120.00	0.00090	
-60.00	-120.00	0.00123	-50.00	-120.00	0.00170	
-40.00	-120.00	0.00238	-30.00	-120.00	0.00334	
-25.00	-120.00	0.00397	-20.00	-120.00	0.00470	

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

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

-17.00	-120.00	0.00517	-15.00	-120.00	0.00549
-13.00	-120.00	0.00579	-11.00	-120.00	0.00607
-9.00	-120.00	0.00629	9.00	-120.00	0.00511
11.00	-120.00	0.00484	13.00	-120.00	0.00459
15.00	-120.00	0.00436	17.00	-120.00	0.00414
20.00	-120.00	0.00385	25.00	-120.00	0.00343
30.00	-120.00	0.00307	40.00	-120.00	0.00250
50.00	-120.00	0.00207	60.00	-120.00	0.00173
70.00	-120.00	0.00147	80.00	-120.00	0.00125
90.00	-120.00	0.00108	100.00	-120.00	0.00093
-100.00	-110.00	0.00043	-90.00	-110.00	0.00056
-80.00	-110.00	0.00074	-70.00	-110.00	0.00099
-60.00	-110.00	0.00133	-50.00	-110.00	0.00181
-40.00	-110.00	0.00246	-30.00	-110.00	0.00333
-25.00	-110.00	0.00383	-20.00	-110.00	0.00433
-17.00	-110.00	0.00460	-15.00	-110.00	0.00475
-13.00	-110.00	0.00487	-11.00	-110.00	0.00497
-9.00	-110.00	0.00504	9.00	-110.00	0.00415
11.00	-110.00	0.00396	13.00	-110.00	0.00378
15.00	-110.00	0.00361	17.00	-110.00	0.00345
20.00	-110.00	0.00323	25.00	-110.00	0.00292
30.00	-110.00	0.00266	40.00	-110.00	0.00223
50.00	-110.00	0.00188	60.00	-110.00	0.00160
70.00	-110.00	0.00137	80.00	-110.00	0.00118
90.00	-110.00	0.00103	100.00	-110.00	0.00090
-100.00	-100.00	0.00048	-90.00	-100.00	0.00062
-80.00	-100.00	0.00081	-70.00	-100.00	0.00106
-60.00	-100.00	0.00140	-50.00	-100.00	0.00186
-40.00	-100.00	0.00244	-30.00	-100.00	0.00312
-25.00	-100.00	0.00345	-20.00	-100.00	0.00372
-17.00	-100.00	0.00385	-15.00	-100.00	0.00392
-13.00	-100.00	0.00397	-11.00	-100.00	0.00401
-9.00	-100.00	0.00402	9.00	-100.00	0.00341
11.00	-100.00	0.00328	13.00	-100.00	0.00315
15.00	-100.00	0.00303	17.00	-100.00	0.00291
20.00	-100.00	0.00274	25.00	-100.00	0.00249
30.00	-100.00	0.00228	40.00	-100.00	0.00195
50.00	-100.00	0.00168	60.00	-100.00	0.00146
70.00	-100.00	0.00127	80.00	-100.00	0.00111
90.00	-100.00	0.00097	100.00	-100.00	0.00085

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

*** NCRA Cumulative DPM Impacts

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

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**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	0.00053	-90.00	-90.00	0.00067	
-80.00	-90.00	0.00086	-70.00	-90.00	0.00112	
-60.00	-90.00	0.00144	-50.00	-90.00	0.00185	
-40.00	-90.00	0.00232	-30.00	-90.00	0.00278	
-25.00	-90.00	0.00298	-20.00	-90.00	0.00313	
-17.00	-90.00	0.00320	-15.00	-90.00	0.00323	
-13.00	-90.00	0.00325	-11.00	-90.00	0.00326	
-9.00	-90.00	0.00326	9.00	-90.00	0.00283	
11.00	-90.00	0.00274	13.00	-90.00	0.00265	
15.00	-90.00	0.00256	17.00	-90.00	0.00247	
20.00	-90.00	0.00234	25.00	-90.00	0.00214	
30.00	-90.00	0.00197	40.00	-90.00	0.00170	
50.00	-90.00	0.00149	60.00	-90.00	0.00131	
70.00	-90.00	0.00116	80.00	-90.00	0.00102	
90.00	-90.00	0.00091	100.00	-90.00	0.00081	
-100.00	-80.00	0.00057	-90.00	-80.00	0.00071	
-80.00	-80.00	0.00090	-70.00	-80.00	0.00114	
-60.00	-80.00	0.00144	-50.00	-80.00	0.00177	
-40.00	-80.00	0.00212	-30.00	-80.00	0.00243	
-25.00	-80.00	0.00255	-20.00	-80.00	0.00263	
-17.00	-80.00	0.00266	-15.00	-80.00	0.00268	
-13.00	-80.00	0.00268	-11.00	-80.00	0.00268	
-9.00	-80.00	0.00268	9.00	-80.00	0.00237	
11.00	-80.00	0.00231	13.00	-80.00	0.00225	
15.00	-80.00	0.00218	17.00	-80.00	0.00212	
20.00	-80.00	0.00202	25.00	-80.00	0.00186	
30.00	-80.00	0.00172	40.00	-80.00	0.00149	
50.00	-80.00	0.00131	60.00	-80.00	0.00117	
70.00	-80.00	0.00105	80.00	-80.00	0.00094	
90.00	-80.00	0.00084	100.00	-80.00	0.00076	
-100.00	-70.00	0.00060	-90.00	-70.00	0.00074	
-80.00	-70.00	0.00092	-70.00	-70.00	0.00114	
-60.00	-70.00	0.00139	-50.00	-70.00	0.00165	
-40.00	-70.00	0.00191	-30.00	-70.00	0.00211	
-25.00	-70.00	0.00218	-20.00	-70.00	0.00223	
-17.00	-70.00	0.00224	-15.00	-70.00	0.00225	
-13.00	-70.00	0.00225	-11.00	-70.00	0.00224	

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-100.00	-20.00	0.00062	-90.00	-20.00	0.00071
-80.00	-20.00	0.00080	-70.00	-20.00	0.00088
-60.00	-20.00	0.00096	-50.00	-20.00	0.00102
-40.00	-20.00	0.00107	-30.00	-20.00	0.00109
-25.00	-20.00	0.00110	-20.00	-20.00	0.00110
-17.00	-20.00	0.00110	-15.00	-20.00	0.00110
-13.00	-20.00	0.00109	-11.00	-20.00	0.00109
-9.00	-20.00	0.00108	9.00	-20.00	0.00101
11.00	-20.00	0.00100	13.00	-20.00	0.00099
15.00	-20.00	0.00098	17.00	-20.00	0.00097
20.00	-20.00	0.00095	25.00	-20.00	0.00091
30.00	-20.00	0.00087	40.00	-20.00	0.00078
50.00	-20.00	0.00071	60.00	-20.00	0.00065
70.00	-20.00	0.00060	80.00	-20.00	0.00055
90.00	-20.00	0.00051	100.00	-20.00	0.00047

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	0.00060	-90.00	-10.00	0.00068
-80.00	-10.00	0.00075	-70.00	-10.00	0.00082
-60.00	-10.00	0.00088	-50.00	-10.00	0.00092
-40.00	-10.00	0.00096	-30.00	-10.00	0.00098
-25.00	-10.00	0.00098	-20.00	-10.00	0.00098
-17.00	-10.00	0.00098	-15.00	-10.00	0.00097
-13.00	-10.00	0.00097	-11.00	-10.00	0.00096
-9.00	-10.00	0.00096	9.00	-10.00	0.00090
11.00	-10.00	0.00089	13.00	-10.00	0.00089
15.00	-10.00	0.00088	17.00	-10.00	0.00087
20.00	-10.00	0.00085	25.00	-10.00	0.00082
30.00	-10.00	0.00079	40.00	-10.00	0.00072
50.00	-10.00	0.00065	60.00	-10.00	0.00060
70.00	-10.00	0.00055	80.00	-10.00	0.00051
90.00	-10.00	0.00047	100.00	-10.00	0.00044
-100.00	0.00	0.00058	-90.00	0.00	0.00064
-80.00	0.00	0.00070	-70.00	0.00	0.00076
-60.00	0.00	0.00080	-50.00	0.00	0.00084
-40.00	0.00	0.00086	-30.00	0.00	0.00088

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-25.00	0.00	0.00088	-20.00	0.00	0.00088	
-17.00	0.00	0.00087	-15.00	0.00	0.00087	
-13.00	0.00	0.00087	-11.00	0.00	0.00086	
-9.00	0.00	0.00086	9.00	0.00	0.00081	
11.00	0.00	0.00080	13.00	0.00	0.00080	
15.00	0.00	0.00079	17.00	0.00	0.00078	
20.00	0.00	0.00077	25.00	0.00	0.00075	
30.00	0.00	0.00072	40.00	0.00	0.00066	
50.00	0.00	0.00060	60.00	0.00	0.00055	
70.00	0.00	0.00051	80.00	0.00	0.00047	
90.00	0.00	0.00044	100.00	0.00	0.00041	
-100.00	10.00	0.00056	-90.00	10.00	0.00061	
-80.00	10.00	0.00066	-70.00	10.00	0.00070	
-60.00	10.00	0.00074	-50.00	10.00	0.00076	
-40.00	10.00	0.00078	-30.00	10.00	0.00079	
-25.00	10.00	0.00079	-20.00	10.00	0.00079	
-17.00	10.00	0.00079	-15.00	10.00	0.00078	
-13.00	10.00	0.00078	-11.00	10.00	0.00078	
-9.00	10.00	0.00077	9.00	10.00	0.00073	
11.00	10.00	0.00073	13.00	10.00	0.00072	
15.00	10.00	0.00072	17.00	10.00	0.00071	

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	0.00070	25.00	10.00	0.00068
30.00	10.00	0.00066	40.00	10.00	0.00060
50.00	10.00	0.00055	60.00	10.00	0.00051
70.00	10.00	0.00048	80.00	10.00	0.00044
90.00	10.00	0.00041	100.00	10.00	0.00038
-100.00	20.00	0.00053	-90.00	20.00	0.00057
-80.00	20.00	0.00062	-70.00	20.00	0.00065
-60.00	20.00	0.00068	-50.00	20.00	0.00070
-40.00	20.00	0.00071	-30.00	20.00	0.00072
-25.00	20.00	0.00072	-20.00	20.00	0.00072
-17.00	20.00	0.00071	-15.00	20.00	0.00071
-13.00	20.00	0.00071	-11.00	20.00	0.00070
-9.00	20.00	0.00070	9.00	20.00	0.00066

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

11.00	20.00	0.00066	13.00	20.00	0.00066
15.00	20.00	0.00065	17.00	20.00	0.00065
20.00	20.00	0.00064	25.00	20.00	0.00062
30.00	20.00	0.00060	40.00	20.00	0.00056
50.00	20.00	0.00051	60.00	20.00	0.00048
70.00	20.00	0.00044	80.00	20.00	0.00041
90.00	20.00	0.00039	100.00	20.00	0.00036
-100.00	30.00	0.00050	-90.00	30.00	0.00054
-80.00	30.00	0.00057	-70.00	30.00	0.00060
-60.00	30.00	0.00062	-50.00	30.00	0.00064
-40.00	30.00	0.00065	-30.00	30.00	0.00066
-25.00	30.00	0.00065	-20.00	30.00	0.00065
-17.00	30.00	0.00065	-15.00	30.00	0.00064
-13.00	30.00	0.00064	-11.00	30.00	0.00064
-9.00	30.00	0.00064	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	0.00059
20.00	30.00	0.00058	25.00	30.00	0.00057
30.00	30.00	0.00055	40.00	30.00	0.00052
50.00	30.00	0.00048	60.00	30.00	0.00044
70.00	30.00	0.00041	80.00	30.00	0.00039
90.00	30.00	0.00036	100.00	30.00	0.00034
-100.00	40.00	0.00048	-90.00	40.00	0.00051
-80.00	40.00	0.00054	-70.00	40.00	0.00056
-60.00	40.00	0.00058	-50.00	40.00	0.00059
-40.00	40.00	0.00060	-30.00	40.00	0.00060
-25.00	40.00	0.00060	-20.00	40.00	0.00059

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

18:30:03

**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
-17.00	40.00	0.00059	-15.00	40.00	0.00059
-13.00	40.00	0.00059	-11.00	40.00	0.00058
-9.00	40.00	0.00058	9.00	40.00	0.00055
11.00	40.00	0.00055	13.00	40.00	0.00055
15.00	40.00	0.00055	17.00	40.00	0.00054
20.00	40.00	0.00054	25.00	40.00	0.00052
30.00	40.00	0.00051	40.00	40.00	0.00048

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

50.00	40.00	0.00045	60.00	40.00	0.00041
70.00	40.00	0.00039	80.00	40.00	0.00036
90.00	40.00	0.00034	100.00	40.00	0.00032
-100.00	50.00	0.00045	-90.00	50.00	0.00048
-80.00	50.00	0.00050	-70.00	50.00	0.00052
-60.00	50.00	0.00053	-50.00	50.00	0.00054
-40.00	50.00	0.00055	-30.00	50.00	0.00055
-25.00	50.00	0.00055	-20.00	50.00	0.00055
-17.00	50.00	0.00054	-15.00	50.00	0.00054
-13.00	50.00	0.00054	-11.00	50.00	0.00054
-9.00	50.00	0.00053	9.00	50.00	0.00051
11.00	50.00	0.00051	13.00	50.00	0.00050
15.00	50.00	0.00050	17.00	50.00	0.00050
20.00	50.00	0.00049	25.00	50.00	0.00048
30.00	50.00	0.00047	40.00	50.00	0.00045
50.00	50.00	0.00042	60.00	50.00	0.00039
70.00	50.00	0.00036	80.00	50.00	0.00034
90.00	50.00	0.00032	100.00	50.00	0.00030
-100.00	60.00	0.00043	-90.00	60.00	0.00045
-80.00	60.00	0.00047	-70.00	60.00	0.00048
-60.00	60.00	0.00049	-50.00	60.00	0.00050
-40.00	60.00	0.00051	-30.00	60.00	0.00051
-25.00	60.00	0.00051	-20.00	60.00	0.00050
-17.00	60.00	0.00050	-15.00	60.00	0.00050
-13.00	60.00	0.00050	-11.00	60.00	0.00049
-9.00	60.00	0.00049	9.00	60.00	0.00047
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	0.00046	25.00	60.00	0.00045
30.00	60.00	0.00044	40.00	60.00	0.00042
50.00	60.00	0.00039	60.00	60.00	0.00036
70.00	60.00	0.00034	80.00	60.00	0.00032
90.00	60.00	0.00030	100.00	60.00	0.00029

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

18:30:03
 **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	0.00041	-90.00	70.00	0.00042

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

-80.00	70.00	0.00044	-70.00	70.00	0.00045
-60.00	70.00	0.00046	-50.00	70.00	0.00047
-40.00	70.00	0.00047	-30.00	70.00	0.00047
-25.00	70.00	0.00047	-20.00	70.00	0.00046
-17.00	70.00	0.00046	-15.00	70.00	0.00046
-13.00	70.00	0.00046	-11.00	70.00	0.00046
-9.00	70.00	0.00045	9.00	70.00	0.00044
11.00	70.00	0.00043	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	0.00042
30.00	70.00	0.00041	40.00	70.00	0.00039
50.00	70.00	0.00037	60.00	70.00	0.00034
70.00	70.00	0.00032	80.00	70.00	0.00030
90.00	70.00	0.00029	100.00	70.00	0.00027
-100.00	80.00	0.00038	-90.00	80.00	0.00040
-80.00	80.00	0.00041	-70.00	80.00	0.00042
-60.00	80.00	0.00043	-50.00	80.00	0.00043
-40.00	80.00	0.00044	-30.00	80.00	0.00044
-25.00	80.00	0.00043	-20.00	80.00	0.00043
-17.00	80.00	0.00043	-15.00	80.00	0.00043
-13.00	80.00	0.00042	-11.00	80.00	0.00042
-9.00	80.00	0.00042	9.00	80.00	0.00041
11.00	80.00	0.00040	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	0.00039
30.00	80.00	0.00038	40.00	80.00	0.00037
50.00	80.00	0.00035	60.00	80.00	0.00032
70.00	80.00	0.00030	80.00	80.00	0.00029
90.00	80.00	0.00027	100.00	80.00	0.00026
-100.00	90.00	0.00036	-90.00	90.00	0.00038
-80.00	90.00	0.00039	-70.00	90.00	0.00039
-60.00	90.00	0.00040	-50.00	90.00	0.00040
-40.00	90.00	0.00041	-30.00	90.00	0.00040
-25.00	90.00	0.00040	-20.00	90.00	0.00040
-17.00	90.00	0.00040	-15.00	90.00	0.00040
-13.00	90.00	0.00039	-11.00	90.00	0.00039
-9.00	90.00	0.00039	9.00	90.00	0.00038
11.00	90.00	0.00038	13.00	90.00	0.00037
15.00	90.00	0.00037	17.00	90.00	0.00037

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

*** NCRA Cumulative DPM Impacts

18:30:03

**MODELOPTs:

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

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	0.00037	25.00	90.00	0.00036
30.00	90.00	0.00036	40.00	90.00	0.00034
50.00	90.00	0.00033	60.00	90.00	0.00031
70.00	90.00	0.00029	80.00	90.00	0.00027
90.00	90.00	0.00026	100.00	90.00	0.00024
-100.00	100.00	0.00034	-90.00	100.00	0.00035
-80.00	100.00	0.00036	-70.00	100.00	0.00037
-60.00	100.00	0.00037	-50.00	100.00	0.00038
-40.00	100.00	0.00038	-30.00	100.00	0.00038
-25.00	100.00	0.00038	-20.00	100.00	0.00037
-17.00	100.00	0.00037	-15.00	100.00	0.00037
-13.00	100.00	0.00037	-11.00	100.00	0.00037
-9.00	100.00	0.00037	9.00	100.00	0.00035
11.00	100.00	0.00035	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	0.00034
30.00	100.00	0.00033	40.00	100.00	0.00032
50.00	100.00	0.00031	60.00	100.00	0.00029
70.00	100.00	0.00027	80.00	100.00	0.00026
90.00	100.00	0.00024	100.00	100.00	0.00023
-100.00	110.00	0.00033	-90.00	110.00	0.00033
-80.00	110.00	0.00034	-70.00	110.00	0.00035
-60.00	110.00	0.00035	-50.00	110.00	0.00035
-40.00	110.00	0.00036	-30.00	110.00	0.00035
-25.00	110.00	0.00035	-20.00	110.00	0.00035
-17.00	110.00	0.00035	-15.00	110.00	0.00035
-13.00	110.00	0.00034	-11.00	110.00	0.00034
-9.00	110.00	0.00034	9.00	110.00	0.00033
11.00	110.00	0.00033	13.00	110.00	0.00033
15.00	110.00	0.00033	17.00	110.00	0.00032
20.00	110.00	0.00032	25.00	110.00	0.00032
30.00	110.00	0.00031	40.00	110.00	0.00030
50.00	110.00	0.00029	60.00	110.00	0.00027
70.00	110.00	0.00026	80.00	110.00	0.00024
90.00	110.00	0.00023	100.00	110.00	0.00022
-100.00	120.00	0.00031	-90.00	120.00	0.00032
-80.00	120.00	0.00032	-70.00	120.00	0.00033
-60.00	120.00	0.00033	-50.00	120.00	0.00033
-40.00	120.00	0.00033	-30.00	120.00	0.00033

-25.00 120.00 07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound 0.00033 -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 ***

18:30:03
 **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	120.00	0.00032	-15.00	120.00	0.00032
-13.00	120.00	0.00032	-11.00	120.00	0.00032
-9.00	120.00	0.00032	9.00	120.00	0.00031
11.00	120.00	0.00031	13.00	120.00	0.00031
15.00	120.00	0.00031	17.00	120.00	0.00030
20.00	120.00	0.00030	25.00	120.00	0.00030
30.00	120.00	0.00030	40.00	120.00	0.00029
50.00	120.00	0.00027	60.00	120.00	0.00026
70.00	120.00	0.00025	80.00	120.00	0.00023
90.00	120.00	0.00022	100.00	120.00	0.00021
-100.00	130.00	0.00029	-90.00	130.00	0.00030
-80.00	130.00	0.00030	-70.00	130.00	0.00031
-60.00	130.00	0.00031	-50.00	130.00	0.00031
-40.00	130.00	0.00031	-30.00	130.00	0.00031
-25.00	130.00	0.00031	-20.00	130.00	0.00031
-17.00	130.00	0.00030	-15.00	130.00	0.00030
-13.00	130.00	0.00030	-11.00	130.00	0.00030
-9.00	130.00	0.00030	9.00	130.00	0.00029
11.00	130.00	0.00029	13.00	130.00	0.00029
15.00	130.00	0.00029	17.00	130.00	0.00029
20.00	130.00	0.00029	25.00	130.00	0.00028
30.00	130.00	0.00028	40.00	130.00	0.00027
50.00	130.00	0.00026	60.00	130.00	0.00025
70.00	130.00	0.00023	80.00	130.00	0.00022
90.00	130.00	0.00021	100.00	130.00	0.00020
-100.00	140.00	0.00028	-90.00	140.00	0.00028
-80.00	140.00	0.00029	-70.00	140.00	0.00029
-60.00	140.00	0.00029	-50.00	140.00	0.00030
-40.00	140.00	0.00029	-30.00	140.00	0.00029
-25.00	140.00	0.00029	-20.00	140.00	0.00029
-17.00	140.00	0.00029	-15.00	140.00	0.00029
-13.00	140.00	0.00028	-11.00	140.00	0.00028
-9.00	140.00	0.00028	9.00	140.00	0.00027

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
11.00	140.00	0.00027	13.00	140.00	0.00027	
15.00	140.00	0.00027	17.00	140.00	0.00027	
20.00	140.00	0.00027	25.00	140.00	0.00027	
30.00	140.00	0.00026	40.00	140.00	0.00026	
50.00	140.00	0.00025	60.00	140.00	0.00024	
70.00	140.00	0.00022	80.00	140.00	0.00021	
90.00	140.00	0.00020	100.00	140.00	0.00019	

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

18:30:03
 **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	150.00	0.00026	-90.00	150.00	0.00027
-80.00	150.00	0.00027	-70.00	150.00	0.00028
-60.00	150.00	0.00028	-50.00	150.00	0.00028
-40.00	150.00	0.00028	-30.00	150.00	0.00028
-25.00	150.00	0.00027	-20.00	150.00	0.00027
-17.00	150.00	0.00027	-15.00	150.00	0.00027
-13.00	150.00	0.00027	-11.00	150.00	0.00027
-9.00	150.00	0.00027	9.00	150.00	0.00026
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	0.00025	40.00	150.00	0.00024
50.00	150.00	0.00023	60.00	150.00	0.00022
70.00	150.00	0.00021	80.00	150.00	0.00020
90.00	150.00	0.00019	100.00	150.00	0.00018
-100.00	160.00	0.00025	-90.00	160.00	0.00025
-80.00	160.00	0.00026	-70.00	160.00	0.00026
-60.00	160.00	0.00026	-50.00	160.00	0.00026
-40.00	160.00	0.00026	-30.00	160.00	0.00026
-25.00	160.00	0.00026	-20.00	160.00	0.00026
-17.00	160.00	0.00026	-15.00	160.00	0.00025
-13.00	160.00	0.00025	-11.00	160.00	0.00025
-9.00	160.00	0.00025	9.00	160.00	0.00024
11.00	160.00	0.00024	13.00	160.00	0.00024
15.00	160.00	0.00024	17.00	160.00	0.00024
20.00	160.00	0.00024	25.00	160.00	0.00024
30.00	160.00	0.00024	40.00	160.00	0.00023

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-80.00	190.00	0.00022	-70.00	190.00	0.00022
-60.00	190.00	0.00022	-50.00	190.00	0.00022
-40.00	190.00	0.00022	-30.00	190.00	0.00022
-25.00	190.00	0.00022	-20.00	190.00	0.00022
-17.00	190.00	0.00022	-15.00	190.00	0.00022
-13.00	190.00	0.00022	-11.00	190.00	0.00022
-9.00	190.00	0.00021	9.00	190.00	0.00021
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	0.00020
50.00	190.00	0.00019	60.00	190.00	0.00019
70.00	190.00	0.00018	80.00	190.00	0.00017
90.00	190.00	0.00016	100.00	190.00	0.00016
-100.00	200.00	0.00021	-90.00	200.00	0.00021
-80.00	200.00	0.00021	-70.00	200.00	0.00021
-60.00	200.00	0.00021	-50.00	200.00	0.00021
-40.00	200.00	0.00021	-30.00	200.00	0.00021
-25.00	200.00	0.00021	-20.00	200.00	0.00021

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

*** 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	0.00021	-15.00	200.00	0.00021
-13.00	200.00	0.00021	-11.00	200.00	0.00020
-9.00	200.00	0.00020	9.00	200.00	0.00020
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	0.00019
50.00	200.00	0.00018	60.00	200.00	0.00018
70.00	200.00	0.00017	80.00	200.00	0.00016
90.00	200.00	0.00016	100.00	200.00	0.00015
-100.00	210.00	0.00020	-90.00	210.00	0.00020
-80.00	210.00	0.00020	-70.00	210.00	0.00020
-60.00	210.00	0.00020	-50.00	210.00	0.00020
-40.00	210.00	0.00020	-30.00	210.00	0.00020
-25.00	210.00	0.00020	-20.00	210.00	0.00020

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

-17.00	210.00	0.00020	-15.00	210.00	0.00020
-13.00	210.00	0.00020	-11.00	210.00	0.00020
-9.00	210.00	0.00019	9.00	210.00	0.00019
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	0.00018	60.00	210.00	0.00017
70.00	210.00	0.00016	80.00	210.00	0.00016
90.00	210.00	0.00015	100.00	210.00	0.00014
-100.00	220.00	0.00019	-90.00	220.00	0.00019
-80.00	220.00	0.00019	-70.00	220.00	0.00019
-60.00	220.00	0.00019	-50.00	220.00	0.00019
-40.00	220.00	0.00019	-30.00	220.00	0.00019
-25.00	220.00	0.00019	-20.00	220.00	0.00019
-17.00	220.00	0.00019	-15.00	220.00	0.00019
-13.00	220.00	0.00019	-11.00	220.00	0.00019
-9.00	220.00	0.00019	9.00	220.00	0.00018
11.00	220.00	0.00018	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	0.00018	40.00	220.00	0.00017
50.00	220.00	0.00017	60.00	220.00	0.00016
70.00	220.00	0.00016	80.00	220.00	0.00015
90.00	220.00	0.00015	100.00	220.00	0.00014

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

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

18:30:03

**MODELOPTS:
 PAGE 121

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	0.00018	-90.00	230.00	0.00018
-80.00	230.00	0.00018	-70.00	230.00	0.00019
-60.00	230.00	0.00019	-50.00	230.00	0.00019
-40.00	230.00	0.00018	-30.00	230.00	0.00018
-25.00	230.00	0.00018	-20.00	230.00	0.00018
-17.00	230.00	0.00018	-15.00	230.00	0.00018
-13.00	230.00	0.00018	-11.00	230.00	0.00018
-9.00	230.00	0.00018	9.00	230.00	0.00017
11.00	230.00	0.00017	13.00	230.00	0.00017

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

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

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound
 70.00 250.00 0.00014 80.00 250.00 0.00014
 90.00 250.00 0.00013 100.00 250.00 0.00013

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

18:30:03
 **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	0.00046	-90.00	-250.00	0.00051
-80.00	-250.00	0.00056	-70.00	-250.00	0.00063
-60.00	-250.00	0.00071	-50.00	-250.00	0.00080
-40.00	-250.00	0.00091	-30.00	-250.00	0.00105
-25.00	-250.00	0.00114	-20.00	-250.00	0.00126
-17.00	-250.00	0.00135	-15.00	-250.00	0.00142
-13.00	-250.00	0.00149	-11.00	-250.00	0.00157
-9.00	-250.00	0.00165	9.00	-250.00	0.00232
11.00	-250.00	0.00238	13.00	-250.00	0.00245
15.00	-250.00	0.00251	17.00	-250.00	0.00258
20.00	-250.00	0.00266	25.00	-250.00	0.00275
30.00	-250.00	0.00277	40.00	-250.00	0.00271
50.00	-250.00	0.00257	60.00	-250.00	0.00240
70.00	-250.00	0.00224	80.00	-250.00	0.00208
90.00	-250.00	0.00193	100.00	-250.00	0.00180
-100.00	-240.00	0.00048	-90.00	-240.00	0.00053
-80.00	-240.00	0.00059	-70.00	-240.00	0.00067
-60.00	-240.00	0.00075	-50.00	-240.00	0.00086
-40.00	-240.00	0.00099	-30.00	-240.00	0.00115
-25.00	-240.00	0.00126	-20.00	-240.00	0.00138
-17.00	-240.00	0.00148	-15.00	-240.00	0.00155
-13.00	-240.00	0.00163	-11.00	-240.00	0.00173
-9.00	-240.00	0.00183	9.00	-240.00	0.00293
11.00	-240.00	0.00304	13.00	-240.00	0.00313
15.00	-240.00	0.00320	17.00	-240.00	0.00326
20.00	-240.00	0.00330	25.00	-240.00	0.00331
30.00	-240.00	0.00327	40.00	-240.00	0.00310
50.00	-240.00	0.00288	60.00	-240.00	0.00265
70.00	-240.00	0.00244	80.00	-240.00	0.00224
90.00	-240.00	0.00207	100.00	-240.00	0.00192
-100.00	-230.00	0.00051	-90.00	-230.00	0.00056
-80.00	-230.00	0.00063	-70.00	-230.00	0.00071

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-60.00	-230.00	0.00081	-50.00	-230.00	0.00092
-40.00	-230.00	0.00107	-30.00	-230.00	0.00125
-25.00	-230.00	0.00137	-20.00	-230.00	0.00152
-17.00	-230.00	0.00163	-15.00	-230.00	0.00171
-13.00	-230.00	0.00181	-11.00	-230.00	0.00192
-9.00	-230.00	0.00205	9.00	-230.00	0.00396
11.00	-230.00	0.00401	13.00	-230.00	0.00403
15.00	-230.00	0.00403	17.00	-230.00	0.00402

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

18:30:03
 **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	0.00377	40.00	-230.00	0.00348
50.00	-230.00	0.00318	60.00	-230.00	0.00289
70.00	-230.00	0.00264	80.00	-230.00	0.00241
90.00	-230.00	0.00221	100.00	-230.00	0.00203
-100.00	-220.00	0.00053	-90.00	-220.00	0.00060
-80.00	-220.00	0.00067	-70.00	-220.00	0.00076
-60.00	-220.00	0.00086	-50.00	-220.00	0.00099
-40.00	-220.00	0.00116	-30.00	-220.00	0.00137
-25.00	-220.00	0.00150	-20.00	-220.00	0.00167
-17.00	-220.00	0.00180	-15.00	-220.00	0.00189
-13.00	-220.00	0.00201	-11.00	-220.00	0.00215
-9.00	-220.00	0.00236	9.00	-220.00	0.00527
11.00	-220.00	0.00510	13.00	-220.00	0.00497
15.00	-220.00	0.00488	17.00	-220.00	0.00479
20.00	-220.00	0.00467	25.00	-220.00	0.00447
30.00	-220.00	0.00426	40.00	-220.00	0.00386
50.00	-220.00	0.00348	60.00	-220.00	0.00313
70.00	-220.00	0.00283	80.00	-220.00	0.00257
90.00	-220.00	0.00234	100.00	-220.00	0.00214
-100.00	-210.00	0.00056	-90.00	-210.00	0.00063
-80.00	-210.00	0.00071	-70.00	-210.00	0.00080
-60.00	-210.00	0.00092	-50.00	-210.00	0.00106
-40.00	-210.00	0.00124	-30.00	-210.00	0.00148
-25.00	-210.00	0.00165	-20.00	-210.00	0.00190
-17.00	-210.00	0.00212	-15.00	-210.00	0.00232

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00260	-11.00	-210.00	0.00299
-9.00	-210.00	0.00352	9.00	-210.00	0.00673
11.00	-210.00	0.00639	13.00	-210.00	0.00613
15.00	-210.00	0.00591	17.00	-210.00	0.00572
20.00	-210.00	0.00546	25.00	-210.00	0.00510
30.00	-210.00	0.00479	40.00	-210.00	0.00425
50.00	-210.00	0.00378	60.00	-210.00	0.00337
70.00	-210.00	0.00302	80.00	-210.00	0.00272
90.00	-210.00	0.00247	100.00	-210.00	0.00225
-100.00	-200.00	0.00059	-90.00	-200.00	0.00066
-80.00	-200.00	0.00074	-70.00	-200.00	0.00085
-60.00	-200.00	0.00097	-50.00	-200.00	0.00114
-40.00	-200.00	0.00136	-30.00	-200.00	0.00171
-25.00	-200.00	0.00200	-20.00	-200.00	0.00248

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

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

18:30:03

**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
-17.00	-200.00	0.00291	-15.00	-200.00	0.00328
-13.00	-200.00	0.00373	-11.00	-200.00	0.00429
-9.00	-200.00	0.00498	9.00	-200.00	0.00788
11.00	-200.00	0.00745	13.00	-200.00	0.00712
15.00	-200.00	0.00684	17.00	-200.00	0.00659
20.00	-200.00	0.00626	25.00	-200.00	0.00577
30.00	-200.00	0.00535	40.00	-200.00	0.00465
50.00	-200.00	0.00408	60.00	-200.00	0.00360
70.00	-200.00	0.00321	80.00	-200.00	0.00287
90.00	-200.00	0.00259	100.00	-200.00	0.00236
-100.00	-190.00	0.00061	-90.00	-190.00	0.00069
-80.00	-190.00	0.00078	-70.00	-190.00	0.00089
-60.00	-190.00	0.00104	-50.00	-190.00	0.00124
-40.00	-190.00	0.00155	-30.00	-190.00	0.00210
-25.00	-190.00	0.00257	-20.00	-190.00	0.00327
-17.00	-190.00	0.00384	-15.00	-190.00	0.00429
-13.00	-190.00	0.00482	-11.00	-190.00	0.00543
-9.00	-190.00	0.00617	9.00	-190.00	0.00879
11.00	-190.00	0.00830	13.00	-190.00	0.00791
15.00	-190.00	0.00758	17.00	-190.00	0.00729

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00690	25.00	-190.00	0.00635
30.00	-190.00	0.00587	40.00	-190.00	0.00505
50.00	-190.00	0.00438	60.00	-190.00	0.00384
70.00	-190.00	0.00339	80.00	-190.00	0.00303
90.00	-190.00	0.00272	100.00	-190.00	0.00246
-100.00	-180.00	0.00064	-90.00	-180.00	0.00072
-80.00	-180.00	0.00082	-70.00	-180.00	0.00095
-60.00	-180.00	0.00114	-50.00	-180.00	0.00140
-40.00	-180.00	0.00182	-30.00	-180.00	0.00259
-25.00	-180.00	0.00320	-20.00	-180.00	0.00402
-17.00	-180.00	0.00465	-15.00	-180.00	0.00514
-13.00	-180.00	0.00570	-11.00	-180.00	0.00634
-9.00	-180.00	0.00709	9.00	-180.00	0.00952
11.00	-180.00	0.00898	13.00	-180.00	0.00855
15.00	-180.00	0.00818	17.00	-180.00	0.00785
20.00	-180.00	0.00743	25.00	-180.00	0.00682
30.00	-180.00	0.00629	40.00	-180.00	0.00541
50.00	-180.00	0.00467	60.00	-180.00	0.00407
70.00	-180.00	0.00358	80.00	-180.00	0.00318
90.00	-180.00	0.00284	100.00	-180.00	0.00256

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

18:30:03
 **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	0.00066	-90.00	-170.00	0.00076
-80.00	-170.00	0.00088	-70.00	-170.00	0.00104
-60.00	-170.00	0.00126	-50.00	-170.00	0.00160
-40.00	-170.00	0.00215	-30.00	-170.00	0.00308
-25.00	-170.00	0.00377	-20.00	-170.00	0.00466
-17.00	-170.00	0.00532	-15.00	-170.00	0.00583
-13.00	-170.00	0.00640	-11.00	-170.00	0.00705
-9.00	-170.00	0.00781	9.00	-170.00	0.01012
11.00	-170.00	0.00954	13.00	-170.00	0.00908
15.00	-170.00	0.00868	17.00	-170.00	0.00833
20.00	-170.00	0.00787	25.00	-170.00	0.00721
30.00	-170.00	0.00665	40.00	-170.00	0.00570
50.00	-170.00	0.00493	60.00	-170.00	0.00429
70.00	-170.00	0.00376	80.00	-170.00	0.00332

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00296	100.00	-170.00	0.00266
-100.00	-160.00	0.00070	-90.00	-160.00	0.00081
-80.00	-160.00	0.00094	-70.00	-160.00	0.00114
-60.00	-160.00	0.00141	-50.00	-160.00	0.00183
-40.00	-160.00	0.00249	-30.00	-160.00	0.00353
-25.00	-160.00	0.00426	-20.00	-160.00	0.00519
-17.00	-160.00	0.00587	-15.00	-160.00	0.00638
-13.00	-160.00	0.00696	-11.00	-160.00	0.00761
-9.00	-160.00	0.00837	9.00	-160.00	0.01060
11.00	-160.00	0.00999	13.00	-160.00	0.00951
15.00	-160.00	0.00910	17.00	-160.00	0.00873
20.00	-160.00	0.00824	25.00	-160.00	0.00754
30.00	-160.00	0.00695	40.00	-160.00	0.00596
50.00	-160.00	0.00515	60.00	-160.00	0.00448
70.00	-160.00	0.00392	80.00	-160.00	0.00346
90.00	-160.00	0.00308	100.00	-160.00	0.00276
-100.00	-150.00	0.00074	-90.00	-150.00	0.00086
-80.00	-150.00	0.00103	-70.00	-150.00	0.00125
-60.00	-150.00	0.00158	-50.00	-150.00	0.00207
-40.00	-150.00	0.00280	-30.00	-150.00	0.00391
-25.00	-150.00	0.00467	-20.00	-150.00	0.00562
-17.00	-150.00	0.00631	-15.00	-150.00	0.00683
-13.00	-150.00	0.00740	-11.00	-150.00	0.00806
-9.00	-150.00	0.00882	9.00	-150.00	0.01101
11.00	-150.00	0.01038	13.00	-150.00	0.00987
15.00	-150.00	0.00944	17.00	-150.00	0.00906

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

18:30:03
 **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	0.00855	25.00	-150.00	0.00783
30.00	-150.00	0.00721	40.00	-150.00	0.00617
50.00	-150.00	0.00534	60.00	-150.00	0.00465
70.00	-150.00	0.00407	80.00	-150.00	0.00359
90.00	-150.00	0.00319	100.00	-150.00	0.00286
-100.00	-140.00	0.00079	-90.00	-140.00	0.00093
-80.00	-140.00	0.00112	-70.00	-140.00	0.00138
-60.00	-140.00	0.00176	-50.00	-140.00	0.00230

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00309	-30.00	-140.00	0.00424
-25.00	-140.00	0.00502	-20.00	-140.00	0.00598
-17.00	-140.00	0.00667	-15.00	-140.00	0.00719
-13.00	-140.00	0.00777	-11.00	-140.00	0.00843
-9.00	-140.00	0.00919	9.00	-140.00	0.01135
11.00	-140.00	0.01071	13.00	-140.00	0.01017
15.00	-140.00	0.00973	17.00	-140.00	0.00934
20.00	-140.00	0.00882	25.00	-140.00	0.00807
30.00	-140.00	0.00743	40.00	-140.00	0.00636
50.00	-140.00	0.00550	60.00	-140.00	0.00479
70.00	-140.00	0.00420	80.00	-140.00	0.00371
90.00	-140.00	0.00329	100.00	-140.00	0.00295
-100.00	-130.00	0.00085	-90.00	-130.00	0.00101
-80.00	-130.00	0.00122	-70.00	-130.00	0.00152
-60.00	-130.00	0.00193	-50.00	-130.00	0.00251
-40.00	-130.00	0.00334	-30.00	-130.00	0.00452
-25.00	-130.00	0.00531	-20.00	-130.00	0.00628
-17.00	-130.00	0.00697	-15.00	-130.00	0.00749
-13.00	-130.00	0.00807	-11.00	-130.00	0.00873
-9.00	-130.00	0.00949	9.00	-130.00	0.01158
11.00	-130.00	0.01097	13.00	-130.00	0.01045
15.00	-130.00	0.00999	17.00	-130.00	0.00959
20.00	-130.00	0.00905	25.00	-130.00	0.00828
30.00	-130.00	0.00762	40.00	-130.00	0.00653
50.00	-130.00	0.00564	60.00	-130.00	0.00491
70.00	-130.00	0.00431	80.00	-130.00	0.00381
90.00	-130.00	0.00339	100.00	-130.00	0.00303
-100.00	-120.00	0.00091	-90.00	-120.00	0.00109
-80.00	-120.00	0.00133	-70.00	-120.00	0.00165
-60.00	-120.00	0.00210	-50.00	-120.00	0.00271
-40.00	-120.00	0.00356	-30.00	-120.00	0.00477
-25.00	-120.00	0.00556	-20.00	-120.00	0.00653

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

18:30:03
 **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	0.00723	-15.00	-120.00	0.00775
-13.00	-120.00	0.00833	-11.00	-120.00	0.00899

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-9.00	-120.00	0.00974	9.00	-120.00	0.01177
11.00	-120.00	0.01116	13.00	-120.00	0.01065
15.00	-120.00	0.01020	17.00	-120.00	0.00979
20.00	-120.00	0.00925	25.00	-120.00	0.00846
30.00	-120.00	0.00779	40.00	-120.00	0.00667
50.00	-120.00	0.00577	60.00	-120.00	0.00502
70.00	-120.00	0.00441	80.00	-120.00	0.00390
90.00	-120.00	0.00347	100.00	-120.00	0.00310
-100.00	-110.00	0.00097	-90.00	-110.00	0.00117
-80.00	-110.00	0.00143	-70.00	-110.00	0.00178
-60.00	-110.00	0.00225	-50.00	-110.00	0.00288
-40.00	-110.00	0.00376	-30.00	-110.00	0.00497
-25.00	-110.00	0.00577	-20.00	-110.00	0.00675
-17.00	-110.00	0.00744	-15.00	-110.00	0.00796
-13.00	-110.00	0.00854	-11.00	-110.00	0.00919
-9.00	-110.00	0.00995	9.00	-110.00	0.01196
11.00	-110.00	0.01134	13.00	-110.00	0.01083
15.00	-110.00	0.01037	17.00	-110.00	0.00996
20.00	-110.00	0.00941	25.00	-110.00	0.00862
30.00	-110.00	0.00794	40.00	-110.00	0.00680
50.00	-110.00	0.00588	60.00	-110.00	0.00512
70.00	-110.00	0.00450	80.00	-110.00	0.00398
90.00	-110.00	0.00354	100.00	-110.00	0.00317
-100.00	-100.00	0.00104	-90.00	-100.00	0.00126
-80.00	-100.00	0.00153	-70.00	-100.00	0.00190
-60.00	-100.00	0.00239	-50.00	-100.00	0.00304
-40.00	-100.00	0.00393	-30.00	-100.00	0.00515
-25.00	-100.00	0.00595	-20.00	-100.00	0.00693
-17.00	-100.00	0.00762	-15.00	-100.00	0.00814
-13.00	-100.00	0.00872	-11.00	-100.00	0.00937
-9.00	-100.00	0.01012	9.00	-100.00	0.01212
11.00	-100.00	0.01150	13.00	-100.00	0.01098
15.00	-100.00	0.01052	17.00	-100.00	0.01011
20.00	-100.00	0.00956	25.00	-100.00	0.00876
30.00	-100.00	0.00807	40.00	-100.00	0.00691
50.00	-100.00	0.00598	60.00	-100.00	0.00521
70.00	-100.00	0.00457	80.00	-100.00	0.00405
90.00	-100.00	0.00360	100.00	-100.00	0.00323

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

18:30:03
**MODELOPTs:
PAGE 129
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 ,
Page 176

*** 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	0.00111	-90.00	-90.00	0.00134	
-80.00	-90.00	0.00163	-70.00	-90.00	0.00201	
-60.00	-90.00	0.00252	-50.00	-90.00	0.00318	
-40.00	-90.00	0.00407	-30.00	-90.00	0.00531	
-25.00	-90.00	0.00611	-20.00	-90.00	0.00708	
-17.00	-90.00	0.00778	-15.00	-90.00	0.00830	
-13.00	-90.00	0.00887	-11.00	-90.00	0.00952	
-9.00	-90.00	0.01027	9.00	-90.00	0.01227	
11.00	-90.00	0.01164	13.00	-90.00	0.01112	
15.00	-90.00	0.01066	17.00	-90.00	0.01024	
20.00	-90.00	0.00969	25.00	-90.00	0.00888	
30.00	-90.00	0.00818	40.00	-90.00	0.00701	
50.00	-90.00	0.00607	60.00	-90.00	0.00529	
70.00	-90.00	0.00464	80.00	-90.00	0.00411	
90.00	-90.00	0.00366	100.00	-90.00	0.00328	
-100.00	-80.00	0.00118	-90.00	-80.00	0.00142	
-80.00	-80.00	0.00172	-70.00	-80.00	0.00212	
-60.00	-80.00	0.00263	-50.00	-80.00	0.00331	
-40.00	-80.00	0.00421	-30.00	-80.00	0.00544	
-25.00	-80.00	0.00624	-20.00	-80.00	0.00722	
-17.00	-80.00	0.00791	-15.00	-80.00	0.00843	
-13.00	-80.00	0.00900	-11.00	-80.00	0.00965	
-9.00	-80.00	0.01041	9.00	-80.00	0.01240	
11.00	-80.00	0.01177	13.00	-80.00	0.01124	
15.00	-80.00	0.01078	17.00	-80.00	0.01036	
20.00	-80.00	0.00979	25.00	-80.00	0.00898	
30.00	-80.00	0.00828	40.00	-80.00	0.00710	
50.00	-80.00	0.00615	60.00	-80.00	0.00536	
70.00	-80.00	0.00471	80.00	-80.00	0.00416	
90.00	-80.00	0.00371	100.00	-80.00	0.00333	
-100.00	-70.00	0.00125	-90.00	-70.00	0.00150	
-80.00	-70.00	0.00181	-70.00	-70.00	0.00221	
-60.00	-70.00	0.00274	-50.00	-70.00	0.00342	
-40.00	-70.00	0.00432	-30.00	-70.00	0.00556	
-25.00	-70.00	0.00636	-20.00	-70.00	0.00733	
-17.00	-70.00	0.00803	-15.00	-70.00	0.00855	
-13.00	-70.00	0.00912	-11.00	-70.00	0.00977	
-9.00	-70.00	0.01052	9.00	-70.00	0.01252	
11.00	-70.00	0.01187	13.00	-70.00	0.01134	
15.00	-70.00	0.01088	17.00	-70.00	0.01046	

1 *** ISCST3 - VERSION 02035 *** 07NCRA SR02-300_DPM_TRAV_ANN_N-S Bound ***
 04/18/08 *** NCRA Cumulative DPM Impacts ***
 18:30:03 *** Maximum train overlap at North/South Bound Direction ***
 **MODELOPTs:
 PAGE 130
 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	-70.00	0.00990	25.00	-70.00	0.00907
30.00	-70.00	0.00837	40.00	-70.00	0.00718
50.00	-70.00	0.00622	60.00	-70.00	0.00542
70.00	-70.00	0.00476	80.00	-70.00	0.00422
90.00	-70.00	0.00375	100.00	-70.00	0.00337
-100.00	-60.00	0.00131	-90.00	-60.00	0.00157
-80.00	-60.00	0.00189	-70.00	-60.00	0.00230
-60.00	-60.00	0.00283	-50.00	-60.00	0.00352
-40.00	-60.00	0.00442	-30.00	-60.00	0.00566
-25.00	-60.00	0.00646	-20.00	-60.00	0.00744
-17.00	-60.00	0.00813	-15.00	-60.00	0.00865
-13.00	-60.00	0.00922	-11.00	-60.00	0.00987
-9.00	-60.00	0.01062	9.00	-60.00	0.01263
11.00	-60.00	0.01197	13.00	-60.00	0.01143
15.00	-60.00	0.01097	17.00	-60.00	0.01055
20.00	-60.00	0.00999	25.00	-60.00	0.00916
30.00	-60.00	0.00844	40.00	-60.00	0.00725
50.00	-60.00	0.00628	60.00	-60.00	0.00548
70.00	-60.00	0.00481	80.00	-60.00	0.00426
90.00	-60.00	0.00379	100.00	-60.00	0.00340
-100.00	-50.00	0.00137	-90.00	-50.00	0.00164
-80.00	-50.00	0.00197	-70.00	-50.00	0.00238
-60.00	-50.00	0.00292	-50.00	-50.00	0.00360
-40.00	-50.00	0.00451	-30.00	-50.00	0.00575
-25.00	-50.00	0.00655	-20.00	-50.00	0.00753
-17.00	-50.00	0.00822	-15.00	-50.00	0.00874
-13.00	-50.00	0.00931	-11.00	-50.00	0.00996
-9.00	-50.00	0.01071	9.00	-50.00	0.01273
11.00	-50.00	0.01207	13.00	-50.00	0.01151
15.00	-50.00	0.01104	17.00	-50.00	0.01063
20.00	-50.00	0.01006	25.00	-50.00	0.00923
30.00	-50.00	0.00851	40.00	-50.00	0.00731
50.00	-50.00	0.00633	60.00	-50.00	0.00553
70.00	-50.00	0.00486	80.00	-50.00	0.00430

X	Y	CONC	X	Y	CONC
90.00	-50.00	0.00383	100.00	-50.00	0.00343
-100.00	-40.00	0.00143	-90.00	-40.00	0.00170
-80.00	-40.00	0.00204	-70.00	-40.00	0.00246
-60.00	-40.00	0.00299	-50.00	-40.00	0.00368
-40.00	-40.00	0.00459	-30.00	-40.00	0.00583
-25.00	-40.00	0.00663	-20.00	-40.00	0.00761

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

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

18:30:03
 **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
-17.00	-40.00	0.00830	-15.00	-40.00	0.00881
-13.00	-40.00	0.00939	-11.00	-40.00	0.01004
-9.00	-40.00	0.01079	9.00	-40.00	0.01277
11.00	-40.00	0.01214	13.00	-40.00	0.01160
15.00	-40.00	0.01113	17.00	-40.00	0.01070
20.00	-40.00	0.01013	25.00	-40.00	0.00930
30.00	-40.00	0.00857	40.00	-40.00	0.00736
50.00	-40.00	0.00638	60.00	-40.00	0.00557
70.00	-40.00	0.00490	80.00	-40.00	0.00433
90.00	-40.00	0.00386	100.00	-40.00	0.00346
-100.00	-30.00	0.00149	-90.00	-30.00	0.00176
-80.00	-30.00	0.00210	-70.00	-30.00	0.00252
-60.00	-30.00	0.00306	-50.00	-30.00	0.00375
-40.00	-30.00	0.00466	-30.00	-30.00	0.00590
-25.00	-30.00	0.00671	-20.00	-30.00	0.00768
-17.00	-30.00	0.00837	-15.00	-30.00	0.00889
-13.00	-30.00	0.00946	-11.00	-30.00	0.01011
-9.00	-30.00	0.01086	9.00	-30.00	0.01280
11.00	-30.00	0.01217	13.00	-30.00	0.01165
15.00	-30.00	0.01118	17.00	-30.00	0.01076
20.00	-30.00	0.01019	25.00	-30.00	0.00935
30.00	-30.00	0.00863	40.00	-30.00	0.00741
50.00	-30.00	0.00642	60.00	-30.00	0.00561
70.00	-30.00	0.00493	80.00	-30.00	0.00436
90.00	-30.00	0.00389	100.00	-30.00	0.00348
-100.00	-20.00	0.00154	-90.00	-20.00	0.00182
-80.00	-20.00	0.00216	-70.00	-20.00	0.00258
-60.00	-20.00	0.00312	-50.00	-20.00	0.00381

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound					
-40.00	-20.00	0.00473	-30.00	-20.00	0.00597
-25.00	-20.00	0.00677	-20.00	-20.00	0.00774
-17.00	-20.00	0.00843	-15.00	-20.00	0.00895
-13.00	-20.00	0.00952	-11.00	-20.00	0.01017
-9.00	-20.00	0.01091	9.00	-20.00	0.01285
11.00	-20.00	0.01222	13.00	-20.00	0.01169
15.00	-20.00	0.01123	17.00	-20.00	0.01081
20.00	-20.00	0.01023	25.00	-20.00	0.00940
30.00	-20.00	0.00867	40.00	-20.00	0.00745
50.00	-20.00	0.00646	60.00	-20.00	0.00564
70.00	-20.00	0.00496	80.00	-20.00	0.00439
90.00	-20.00	0.00391	100.00	-20.00	0.00350

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

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**MODELOPTs:

PAGE 132

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
-100.00	-10.00	0.00159	-90.00	-10.00	0.00187
-80.00	-10.00	0.00221	-70.00	-10.00	0.00264
-60.00	-10.00	0.00318	-50.00	-10.00	0.00387
-40.00	-10.00	0.00478	-30.00	-10.00	0.00602
-25.00	-10.00	0.00682	-20.00	-10.00	0.00779
-17.00	-10.00	0.00848	-15.00	-10.00	0.00900
-13.00	-10.00	0.00957	-11.00	-10.00	0.01022
-9.00	-10.00	0.01096	9.00	-10.00	0.01289
11.00	-10.00	0.01227	13.00	-10.00	0.01174
15.00	-10.00	0.01127	17.00	-10.00	0.01085
20.00	-10.00	0.01028	25.00	-10.00	0.00944
30.00	-10.00	0.00871	40.00	-10.00	0.00749
50.00	-10.00	0.00649	60.00	-10.00	0.00567
70.00	-10.00	0.00498	80.00	-10.00	0.00441
90.00	-10.00	0.00393	100.00	-10.00	0.00351
-100.00	0.00	0.00163	-90.00	0.00	0.00191
-80.00	0.00	0.00226	-70.00	0.00	0.00269
-60.00	0.00	0.00323	-50.00	0.00	0.00392
-40.00	0.00	0.00483	-30.00	0.00	0.00607
-25.00	0.00	0.00687	-20.00	0.00	0.00784
-17.00	0.00	0.00853	-15.00	0.00	0.00904
-13.00	0.00	0.00961	-11.00	0.00	0.01026

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-9.00	0.00	0.01100	9.00	0.00	0.01294	
11.00	0.00	0.01231	13.00	0.00	0.01177	
15.00	0.00	0.01131	17.00	0.00	0.01088	
20.00	0.00	0.01031	25.00	0.00	0.00948	
30.00	0.00	0.00875	40.00	0.00	0.00752	
50.00	0.00	0.00652	60.00	0.00	0.00569	
70.00	0.00	0.00500	80.00	0.00	0.00443	
90.00	0.00	0.00394	100.00	0.00	0.00352	
-100.00	10.00	0.00168	-90.00	10.00	0.00196	
-80.00	10.00	0.00230	-70.00	10.00	0.00273	
-60.00	10.00	0.00327	-50.00	10.00	0.00397	
-40.00	10.00	0.00488	-30.00	10.00	0.00611	
-25.00	10.00	0.00691	-20.00	10.00	0.00788	
-17.00	10.00	0.00857	-15.00	10.00	0.00908	
-13.00	10.00	0.00965	-11.00	10.00	0.01030	
-9.00	10.00	0.01104	9.00	10.00	0.01299	
11.00	10.00	0.01234	13.00	10.00	0.01181	
15.00	10.00	0.01134	17.00	10.00	0.01091	

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

18:30:03

*** 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	0.01034	25.00	10.00	0.00950
30.00	10.00	0.00878	40.00	10.00	0.00754
50.00	10.00	0.00654	60.00	10.00	0.00571
70.00	10.00	0.00502	80.00	10.00	0.00444
90.00	10.00	0.00395	100.00	10.00	0.00353
-100.00	20.00	0.00171	-90.00	20.00	0.00200
-80.00	20.00	0.00234	-70.00	20.00	0.00277
-60.00	20.00	0.00331	-50.00	20.00	0.00400
-40.00	20.00	0.00491	-30.00	20.00	0.00615
-25.00	20.00	0.00695	-20.00	20.00	0.00791
-17.00	20.00	0.00860	-15.00	20.00	0.00911
-13.00	20.00	0.00968	-11.00	20.00	0.01033
-9.00	20.00	0.01108	9.00	20.00	0.01302
11.00	20.00	0.01237	13.00	20.00	0.01184
15.00	20.00	0.01137	17.00	20.00	0.01094
20.00	20.00	0.01037	25.00	20.00	0.00952

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-100.00	50.00	0.00181	-90.00	50.00	0.00210	
-80.00	50.00	0.00245	-70.00	50.00	0.00287	
-60.00	50.00	0.00341	-50.00	50.00	0.00409	
-40.00	50.00	0.00500	-30.00	50.00	0.00622	
-25.00	50.00	0.00702	-20.00	50.00	0.00798	
-17.00	50.00	0.00867	-15.00	50.00	0.00918	
-13.00	50.00	0.00975	-11.00	50.00	0.01039	
-9.00	50.00	0.01114	9.00	50.00	0.01307	
11.00	50.00	0.01244	13.00	50.00	0.01190	
15.00	50.00	0.01142	17.00	50.00	0.01099	
20.00	50.00	0.01041	25.00	50.00	0.00956	
30.00	50.00	0.00882	40.00	50.00	0.00759	
50.00	50.00	0.00657	60.00	50.00	0.00573	
70.00	50.00	0.00502	80.00	50.00	0.00443	
90.00	50.00	0.00393	100.00	50.00	0.00350	
-100.00	60.00	0.00184	-90.00	60.00	0.00213	
-80.00	60.00	0.00247	-70.00	60.00	0.00290	
-60.00	60.00	0.00343	-50.00	60.00	0.00412	
-40.00	60.00	0.00502	-30.00	60.00	0.00624	
-25.00	60.00	0.00703	-20.00	60.00	0.00800	
-17.00	60.00	0.00868	-15.00	60.00	0.00920	
-13.00	60.00	0.00977	-11.00	60.00	0.01041	
-9.00	60.00	0.01115	9.00	60.00	0.01304	
11.00	60.00	0.01242	13.00	60.00	0.01189	
15.00	60.00	0.01142	17.00	60.00	0.01099	
20.00	60.00	0.01041	25.00	60.00	0.00957	
30.00	60.00	0.00883	40.00	60.00	0.00758	
50.00	60.00	0.00657	60.00	60.00	0.00572	
70.00	60.00	0.00501	80.00	60.00	0.00441	
90.00	60.00	0.00391	100.00	60.00	0.00348	

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

18:30:03

**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
-100.00	70.00	0.00187	-90.00	70.00	0.00215
-80.00	70.00	0.00250	-70.00	70.00	0.00292
-60.00	70.00	0.00345	-50.00	70.00	0.00413
-40.00	70.00	0.00503	-30.00	70.00	0.00625

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-25.00	70.00	0.00704	-20.00	70.00	0.00801	
-17.00	70.00	0.00869	-15.00	70.00	0.00920	
-13.00	70.00	0.00977	-11.00	70.00	0.01041	
-9.00	70.00	0.01115	9.00	70.00	0.01304	
11.00	70.00	0.01241	13.00	70.00	0.01188	
15.00	70.00	0.01141	17.00	70.00	0.01098	
20.00	70.00	0.01040	25.00	70.00	0.00956	
30.00	70.00	0.00882	40.00	70.00	0.00758	
50.00	70.00	0.00655	60.00	70.00	0.00570	
70.00	70.00	0.00499	80.00	70.00	0.00439	
90.00	70.00	0.00388	100.00	70.00	0.00345	
-100.00	80.00	0.00189	-90.00	80.00	0.00218	
-80.00	80.00	0.00252	-70.00	80.00	0.00294	
-60.00	80.00	0.00347	-50.00	80.00	0.00415	
-40.00	80.00	0.00504	-30.00	80.00	0.00626	
-25.00	80.00	0.00705	-20.00	80.00	0.00801	
-17.00	80.00	0.00869	-15.00	80.00	0.00920	
-13.00	80.00	0.00977	-11.00	80.00	0.01040	
-9.00	80.00	0.01114	9.00	80.00	0.01303	
11.00	80.00	0.01240	13.00	80.00	0.01186	
15.00	80.00	0.01139	17.00	80.00	0.01097	
20.00	80.00	0.01039	25.00	80.00	0.00954	
30.00	80.00	0.00881	40.00	80.00	0.00756	
50.00	80.00	0.00654	60.00	80.00	0.00568	
70.00	80.00	0.00496	80.00	80.00	0.00436	
90.00	80.00	0.00384	100.00	80.00	0.00341	
-100.00	90.00	0.00191	-90.00	90.00	0.00220	
-80.00	90.00	0.00254	-70.00	90.00	0.00296	
-60.00	90.00	0.00349	-50.00	90.00	0.00416	
-40.00	90.00	0.00505	-30.00	90.00	0.00626	
-25.00	90.00	0.00705	-20.00	90.00	0.00800	
-17.00	90.00	0.00868	-15.00	90.00	0.00919	
-13.00	90.00	0.00976	-11.00	90.00	0.01039	
-9.00	90.00	0.01113	9.00	90.00	0.01302	
11.00	90.00	0.01238	13.00	90.00	0.01184	
15.00	90.00	0.01137	17.00	90.00	0.01094	

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 **

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.01036	25.00	90.00	0.00952
30.00	90.00	0.00878	40.00	90.00	0.00753
50.00	90.00	0.00651	60.00	90.00	0.00565
70.00	90.00	0.00492	80.00	90.00	0.00431
90.00	90.00	0.00380	100.00	90.00	0.00337
-100.00	100.00	0.00193	-90.00	100.00	0.00221
-80.00	100.00	0.00256	-70.00	100.00	0.00297
-60.00	100.00	0.00350	-50.00	100.00	0.00417
-40.00	100.00	0.00505	-30.00	100.00	0.00626
-25.00	100.00	0.00704	-20.00	100.00	0.00799
-17.00	100.00	0.00867	-15.00	100.00	0.00918
-13.00	100.00	0.00974	-11.00	100.00	0.01038
-9.00	100.00	0.01112	9.00	100.00	0.01301
11.00	100.00	0.01236	13.00	100.00	0.01182
15.00	100.00	0.01134	17.00	100.00	0.01091
20.00	100.00	0.01033	25.00	100.00	0.00949
30.00	100.00	0.00875	40.00	100.00	0.00750
50.00	100.00	0.00647	60.00	100.00	0.00560
70.00	100.00	0.00487	80.00	100.00	0.00426
90.00	100.00	0.00375	100.00	100.00	0.00332
-100.00	110.00	0.00194	-90.00	110.00	0.00223
-80.00	110.00	0.00257	-70.00	110.00	0.00299
-60.00	110.00	0.00351	-50.00	110.00	0.00417
-40.00	110.00	0.00505	-30.00	110.00	0.00625
-25.00	110.00	0.00703	-20.00	110.00	0.00797
-17.00	110.00	0.00865	-15.00	110.00	0.00916
-13.00	110.00	0.00972	-11.00	110.00	0.01035
-9.00	110.00	0.01110	9.00	110.00	0.01298
11.00	110.00	0.01232	13.00	110.00	0.01178
15.00	110.00	0.01131	17.00	110.00	0.01088
20.00	110.00	0.01029	25.00	110.00	0.00944
30.00	110.00	0.00871	40.00	110.00	0.00745
50.00	110.00	0.00641	60.00	110.00	0.00554
70.00	110.00	0.00481	80.00	110.00	0.00420
90.00	110.00	0.00369	100.00	110.00	0.00326
-100.00	120.00	0.00195	-90.00	120.00	0.00224
-80.00	120.00	0.00258	-70.00	120.00	0.00300
-60.00	120.00	0.00352	-50.00	120.00	0.00418
-40.00	120.00	0.00505	-30.00	120.00	0.00623
-25.00	120.00	0.00701	-20.00	120.00	0.00795

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

*** NCRA Cumulative DPM Impacts

18:30:03

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

**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	0.00862	-15.00	120.00	0.00913
-13.00	120.00	0.00969	-11.00	120.00	0.01032
-9.00	120.00	0.01106	9.00	120.00	0.01295
11.00	120.00	0.01228	13.00	120.00	0.01173
15.00	120.00	0.01126	17.00	120.00	0.01083
20.00	120.00	0.01025	25.00	120.00	0.00939
30.00	120.00	0.00865	40.00	120.00	0.00739
50.00	120.00	0.00634	60.00	120.00	0.00547
70.00	120.00	0.00473	80.00	120.00	0.00412
90.00	120.00	0.00361	100.00	120.00	0.00319
-100.00	130.00	0.00196	-90.00	130.00	0.00225
-80.00	130.00	0.00259	-70.00	130.00	0.00300
-60.00	130.00	0.00352	-50.00	130.00	0.00418
-40.00	130.00	0.00504	-30.00	130.00	0.00621
-25.00	130.00	0.00698	-20.00	130.00	0.00792
-17.00	130.00	0.00859	-15.00	130.00	0.00909
-13.00	130.00	0.00965	-11.00	130.00	0.01028
-9.00	130.00	0.01102	9.00	130.00	0.01291
11.00	130.00	0.01224	13.00	130.00	0.01166
15.00	130.00	0.01119	17.00	130.00	0.01076
20.00	130.00	0.01018	25.00	130.00	0.00933
30.00	130.00	0.00858	40.00	130.00	0.00731
50.00	130.00	0.00625	60.00	130.00	0.00537
70.00	130.00	0.00464	80.00	130.00	0.00403
90.00	130.00	0.00353	100.00	130.00	0.00312
-100.00	140.00	0.00196	-90.00	140.00	0.00225
-80.00	140.00	0.00259	-70.00	140.00	0.00300
-60.00	140.00	0.00352	-50.00	140.00	0.00417
-40.00	140.00	0.00503	-30.00	140.00	0.00619
-25.00	140.00	0.00695	-20.00	140.00	0.00788
-17.00	140.00	0.00854	-15.00	140.00	0.00904
-13.00	140.00	0.00960	-11.00	140.00	0.01023
-9.00	140.00	0.01097	9.00	140.00	0.01280
11.00	140.00	0.01216	13.00	140.00	0.01160
15.00	140.00	0.01112	17.00	140.00	0.01068
20.00	140.00	0.01010	25.00	140.00	0.00924

		07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound			
30.00	140.00	0.00848	40.00	140.00	0.00720
50.00	140.00	0.00614	60.00	140.00	0.00525
70.00	140.00	0.00452	80.00	140.00	0.00393
90.00	140.00	0.00345	100.00	140.00	0.00305

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

18:30:03
 **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	0.00197	-90.00	150.00	0.00225
-80.00	150.00	0.00259	-70.00	150.00	0.00300
-60.00	150.00	0.00352	-50.00	150.00	0.00416
-40.00	150.00	0.00501	-30.00	150.00	0.00616
-25.00	150.00	0.00691	-20.00	150.00	0.00783
-17.00	150.00	0.00849	-15.00	150.00	0.00899
-13.00	150.00	0.00954	-11.00	150.00	0.01017
-9.00	150.00	0.01090	9.00	150.00	0.01266
11.00	150.00	0.01203	13.00	150.00	0.01149
15.00	150.00	0.01101	17.00	150.00	0.01057
20.00	150.00	0.00999	25.00	150.00	0.00913
30.00	150.00	0.00837	40.00	150.00	0.00707
50.00	150.00	0.00599	60.00	150.00	0.00511
70.00	150.00	0.00440	80.00	150.00	0.00382
90.00	150.00	0.00335	100.00	150.00	0.00296
-100.00	160.00	0.00196	-90.00	160.00	0.00224
-80.00	160.00	0.00258	-70.00	160.00	0.00299
-60.00	160.00	0.00350	-50.00	160.00	0.00415
-40.00	160.00	0.00499	-30.00	160.00	0.00613
-25.00	160.00	0.00687	-20.00	160.00	0.00778
-17.00	160.00	0.00843	-15.00	160.00	0.00892
-13.00	160.00	0.00946	-11.00	160.00	0.01008
-9.00	160.00	0.01081	9.00	160.00	0.01254
11.00	160.00	0.01189	13.00	160.00	0.01135
15.00	160.00	0.01087	17.00	160.00	0.01044
20.00	160.00	0.00984	25.00	160.00	0.00897
30.00	160.00	0.00821	40.00	160.00	0.00689
50.00	160.00	0.00581	60.00	160.00	0.00494
70.00	160.00	0.00425	80.00	160.00	0.00370
90.00	160.00	0.00325	100.00	160.00	0.00288

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-100.00	170.00	0.00196	-90.00	170.00	0.00223	
-80.00	170.00	0.00256	-70.00	170.00	0.00297	
-60.00	170.00	0.00348	-50.00	170.00	0.00413	
-40.00	170.00	0.00497	-30.00	170.00	0.00609	
-25.00	170.00	0.00682	-20.00	170.00	0.00771	
-17.00	170.00	0.00835	-15.00	170.00	0.00883	
-13.00	170.00	0.00937	-11.00	170.00	0.00998	
-9.00	170.00	0.01070	9.00	170.00	0.01237	
11.00	170.00	0.01173	13.00	170.00	0.01118	
15.00	170.00	0.01069	17.00	170.00	0.01026	

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

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

18:30:03
 **MODELOPTs:
 PAGE 139
 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	170.00	0.00966	25.00	170.00	0.00877
30.00	170.00	0.00799	40.00	170.00	0.00665
50.00	170.00	0.00559	60.00	170.00	0.00476
70.00	170.00	0.00410	80.00	170.00	0.00357
90.00	170.00	0.00314	100.00	170.00	0.00278
-100.00	180.00	0.00195	-90.00	180.00	0.00222
-80.00	180.00	0.00255	-70.00	180.00	0.00295
-60.00	180.00	0.00345	-50.00	180.00	0.00410
-40.00	180.00	0.00493	-30.00	180.00	0.00605
-25.00	180.00	0.00677	-20.00	180.00	0.00764
-17.00	180.00	0.00826	-15.00	180.00	0.00873
-13.00	180.00	0.00926	-11.00	180.00	0.00986
-9.00	180.00	0.01057	9.00	180.00	0.01217
11.00	180.00	0.01151	13.00	180.00	0.01096
15.00	180.00	0.01046	17.00	180.00	0.01002
20.00	180.00	0.00941	25.00	180.00	0.00849
30.00	180.00	0.00769	40.00	180.00	0.00637
50.00	180.00	0.00535	60.00	180.00	0.00456
70.00	180.00	0.00393	80.00	180.00	0.00343
90.00	180.00	0.00302	100.00	180.00	0.00268
-100.00	190.00	0.00195	-90.00	190.00	0.00221
-80.00	190.00	0.00253	-70.00	190.00	0.00293
-60.00	190.00	0.00342	-50.00	190.00	0.00405
-40.00	190.00	0.00488	-30.00	190.00	0.00600

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
-25.00	190.00	0.00671	-20.00	190.00	0.00756	
-17.00	190.00	0.00817	-15.00	190.00	0.00863	
-13.00	190.00	0.00914	-11.00	190.00	0.00973	
-9.00	190.00	0.01042	9.00	190.00	0.01191	
11.00	190.00	0.01123	13.00	190.00	0.01066	
15.00	190.00	0.01015	17.00	190.00	0.00969	
20.00	190.00	0.00904	25.00	190.00	0.00811	
30.00	190.00	0.00731	40.00	190.00	0.00604	
50.00	190.00	0.00509	60.00	190.00	0.00435	
70.00	190.00	0.00376	80.00	190.00	0.00328	
90.00	190.00	0.00289	100.00	190.00	0.00257	
-100.00	200.00	0.00194	-90.00	200.00	0.00220	
-80.00	200.00	0.00252	-70.00	200.00	0.00290	
-60.00	200.00	0.00339	-50.00	200.00	0.00400	
-40.00	200.00	0.00481	-30.00	200.00	0.00592	
-25.00	200.00	0.00663	-20.00	200.00	0.00748	

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

18:30:03
 **MODELOPTS:
 PAGE 140
 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	200.00	0.00808	-15.00	200.00	0.00852	
-13.00	200.00	0.00902	-11.00	200.00	0.00959	
-9.00	200.00	0.01025	9.00	200.00	0.01154	
11.00	200.00	0.01082	13.00	200.00	0.01023	
15.00	200.00	0.00969	17.00	200.00	0.00920	
20.00	200.00	0.00854	25.00	200.00	0.00761	
30.00	200.00	0.00686	40.00	200.00	0.00568	
50.00	200.00	0.00480	60.00	200.00	0.00411	
70.00	200.00	0.00356	80.00	200.00	0.00312	
90.00	200.00	0.00276	100.00	200.00	0.00246	
-100.00	210.00	0.00193	-90.00	210.00	0.00219	
-80.00	210.00	0.00250	-70.00	210.00	0.00288	
-60.00	210.00	0.00335	-50.00	210.00	0.00396	
-40.00	210.00	0.00475	-30.00	210.00	0.00583	
-25.00	210.00	0.00652	-20.00	210.00	0.00737	
-17.00	210.00	0.00796	-15.00	210.00	0.00841	
-13.00	210.00	0.00890	-11.00	210.00	0.00944	
-9.00	210.00	0.01009	9.00	210.00	0.01096	

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound						
11.00	210.00	0.01019	13.00	210.00	0.00955	
15.00	210.00	0.00902	17.00	210.00	0.00854	
20.00	210.00	0.00792	25.00	210.00	0.00706	
30.00	210.00	0.00637	40.00	210.00	0.00531	
50.00	210.00	0.00450	60.00	210.00	0.00387	
70.00	210.00	0.00337	80.00	210.00	0.00297	
90.00	210.00	0.00264	100.00	210.00	0.00236	
-100.00	220.00	0.00192	-90.00	220.00	0.00217	
-80.00	220.00	0.00248	-70.00	220.00	0.00285	
-60.00	220.00	0.00331	-50.00	220.00	0.00391	
-40.00	220.00	0.00468	-30.00	220.00	0.00574	
-25.00	220.00	0.00642	-20.00	220.00	0.00724	
-17.00	220.00	0.00782	-15.00	220.00	0.00825	
-13.00	220.00	0.00873	-11.00	220.00	0.00926	
-9.00	220.00	0.00989	9.00	220.00	0.00997	
11.00	220.00	0.00925	13.00	220.00	0.00867	
15.00	220.00	0.00819	17.00	220.00	0.00778	
20.00	220.00	0.00725	25.00	220.00	0.00650	
30.00	220.00	0.00588	40.00	220.00	0.00493	
50.00	220.00	0.00421	60.00	220.00	0.00364	
70.00	220.00	0.00319	80.00	220.00	0.00281	
90.00	220.00	0.00251	100.00	220.00	0.00225	

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

18:30:03
 **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	230.00	0.00191	-90.00	230.00	0.00215
-80.00	230.00	0.00245	-70.00	230.00	0.00282
-60.00	230.00	0.00327	-50.00	230.00	0.00385
-40.00	230.00	0.00461	-30.00	230.00	0.00564
-25.00	230.00	0.00630	-20.00	230.00	0.00711
-17.00	230.00	0.00767	-15.00	230.00	0.00808
-13.00	230.00	0.00854	-11.00	230.00	0.00904
-9.00	230.00	0.00959	9.00	230.00	0.00863
11.00	230.00	0.00817	13.00	230.00	0.00775
15.00	230.00	0.00737	17.00	230.00	0.00703
20.00	230.00	0.00658	25.00	230.00	0.00593
30.00	230.00	0.00540	40.00	230.00	0.00456

07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00392	60.00	230.00	0.00341
70.00	230.00	0.00300	80.00	230.00	0.00266
90.00	230.00	0.00238	100.00	230.00	0.00215
-100.00	240.00	0.00189	-90.00	240.00	0.00213
-80.00	240.00	0.00243	-70.00	240.00	0.00278
-60.00	240.00	0.00322	-50.00	240.00	0.00379
-40.00	240.00	0.00453	-30.00	240.00	0.00553
-25.00	240.00	0.00616	-20.00	240.00	0.00689
-17.00	240.00	0.00736	-15.00	240.00	0.00767
-13.00	240.00	0.00796	-11.00	240.00	0.00823
-9.00	240.00	0.00844	9.00	240.00	0.00715
11.00	240.00	0.00686	13.00	240.00	0.00659
15.00	240.00	0.00634	17.00	240.00	0.00611
20.00	240.00	0.00579	25.00	240.00	0.00531
30.00	240.00	0.00488	40.00	240.00	0.00418
50.00	240.00	0.00363	60.00	240.00	0.00318
70.00	240.00	0.00282	80.00	240.00	0.00251
90.00	240.00	0.00226	100.00	240.00	0.00204
-100.00	250.00	0.00188	-90.00	250.00	0.00212
-80.00	250.00	0.00240	-70.00	250.00	0.00275
-60.00	250.00	0.00318	-50.00	250.00	0.00373
-40.00	250.00	0.00443	-30.00	250.00	0.00532
-25.00	250.00	0.00582	-20.00	250.00	0.00632
-17.00	250.00	0.00657	-15.00	250.00	0.00672
-13.00	250.00	0.00684	-11.00	250.00	0.00693
-9.00	250.00	0.00698	9.00	250.00	0.00600
11.00	250.00	0.00580	13.00	250.00	0.00560
15.00	250.00	0.00542	17.00	250.00	0.00524

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
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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	0.00500	25.00	250.00	0.00464
30.00	250.00	0.00433	40.00	250.00	0.00379
50.00	250.00	0.00333	60.00	250.00	0.00295
70.00	250.00	0.00263	80.00	250.00	0.00237
90.00	250.00	0.00214	100.00	250.00	0.00194

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*** 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 0.00834 AT (9.00, 200.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00825 AT (9.00, 190.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00814 AT (9.00, 210.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00793 AT (9.00, 180.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00767 AT (11.00, 200.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00763 AT (11.00, 190.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00745 AT (9.00, 220.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00742 AT (9.00, 170.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00740 AT (11.00, 210.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00737 AT (11.00, 180.00, 0.00, 1.20)	DC	NA	
NCRA_S2	1ST HIGHEST VALUE IS 0.00834 AT (9.00, 110.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00825 AT (9.00, 100.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00814 AT (9.00, 120.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00793 AT (9.00, 90.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00767 AT (11.00, 110.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00763 AT (11.00, 100.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00745 AT (9.00, 130.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00742 AT (9.00, 80.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00740 AT (11.00, 120.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00737 AT (11.00, 90.00, 0.00, 1.20)	DC	NA	
NCRA_S3	1ST HIGHEST VALUE IS 0.00834 AT (9.00, 20.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00825 AT (9.00, 10.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00814 AT (9.00, 30.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00793 AT (9.00, 0.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00767 AT (11.00, 20.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00763 AT (11.00, 10.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00745 AT (9.00, 40.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00742 AT (9.00, -10.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00740 AT (11.00, 30.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00737 AT (11.00, 0.00, 0.00, 1.20)	DC	NA	

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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 0.00834 AT (9.00, -70.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00825 AT (9.00, -80.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00814 AT (9.00, -60.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00793 AT (9.00, -90.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00767 AT (11.00, -70.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00763 AT (11.00, -80.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00745 AT (9.00, -50.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00742 AT (9.00, -100.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00740 AT (11.00, -60.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00737 AT (11.00, -90.00, 0.00, 1.20)	DC	NA	
NCRA_S5	1ST HIGHEST VALUE IS 0.00834 AT (9.00, -160.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00825 AT (9.00, -170.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00814 AT (9.00, -150.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00793 AT (9.00, -180.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00767 AT (11.00, -160.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00763 AT (11.00, -170.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00745 AT (9.00, -140.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00742 AT (9.00, -190.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00740 AT (11.00, -150.00, 0.00, 1.20)	DC	NA	

		07NCRA_SR02-300_DPM_TRAV_ANN_N-S Bound							
	10TH HIGHEST VALUE IS	0.00737	AT (	11.00,	-180.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01310	AT (	9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01307	AT (	9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01306	AT (	9.00,	30.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01304	AT (	9.00,	60.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01304	AT (	9.00,	70.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01303	AT (	9.00,	80.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01302	AT (	9.00,	20.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01302	AT (	9.00,	90.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01301	AT (	9.00,	100.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01299	AT (	9.00,	10.00,	0.00,	1.20)	DC	NA

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

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CONC 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 7 Informational Message(s)
 A Total of 7 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
