

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 10:44:11

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Petaluma\08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at East/West 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 135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA 45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -45.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -135.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -225.0 4.5 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 90 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 90 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

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RE DISCCART	-250.0	90.0	1.2
RE DISCCART	-250.0	80.0	1.2
RE DISCCART	-250.0	70.0	1.2
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RE DISCCART	160.0	-30.0	1.2
RE DISCCART	160.0	-40.0	1.2
RE DISCCART	160.0	-50.0	1.2
RE DISCCART	160.0	-60.0	1.2
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RE DISCCART	170.0	100.0	1.2
RE DISCCART	170.0	90.0	1.2
RE DISCCART	170.0	80.0	1.2
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RE DISCCART	170.0	40.0	1.2
RE DISCCART	170.0	30.0	1.2
RE DISCCART	170.0	25.0	1.2
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RE DISCCART	170.0	17.0	1.2
RE DISCCART	170.0	15.0	1.2
RE DISCCART	170.0	13.0	1.2
RE DISCCART	170.0	11.0	1.2
RE DISCCART	170.0	9.0	1.2

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

RE DISCCART	180.0	-100.0	1.2
RE DISCCART	190.0	100.0	1.2
RE DISCCART	190.0	90.0	1.2
RE DISCCART	190.0	80.0	1.2
RE DISCCART	190.0	70.0	1.2
RE DISCCART	190.0	60.0	1.2
RE DISCCART	190.0	50.0	1.2
RE DISCCART	190.0	40.0	1.2
RE DISCCART	190.0	30.0	1.2
RE DISCCART	190.0	25.0	1.2
RE DISCCART	190.0	20.0	1.2
RE DISCCART	190.0	17.0	1.2
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RE DISCCART	190.0	13.0	1.2
RE DISCCART	190.0	11.0	1.2
RE DISCCART	190.0	9.0	1.2
RE DISCCART	190.0	-9.0	1.2
RE DISCCART	190.0	-11.0	1.2
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RE DISCCART	190.0	-15.0	1.2
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RE DISCCART	190.0	-30.0	1.2
RE DISCCART	190.0	-40.0	1.2
RE DISCCART	190.0	-50.0	1.2
RE DISCCART	190.0	-60.0	1.2
RE DISCCART	190.0	-70.0	1.2
RE DISCCART	190.0	-80.0	1.2
RE DISCCART	190.0	-90.0	1.2
RE DISCCART	190.0	-100.0	1.2
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RE DISCCART	200.0	90.0	1.2
RE DISCCART	200.0	80.0	1.2
RE DISCCART	200.0	70.0	1.2
RE DISCCART	200.0	60.0	1.2
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RE DISCCART	200.0	-90.0	1.2
RE DISCCART	200.0	-100.0	1.2
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RE DISCCART	210.0	80.0	1.2
RE DISCCART	210.0	70.0	1.2
RE DISCCART	210.0	60.0	1.2
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RE DISCCART	210.0	-9.0	1.2
RE DISCCART	210.0	-11.0	1.2
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RE DISCCART	220.0	-9.0	1.2
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RE DISCCART	220.0	-60.0	1.2
RE DISCCART	220.0	-70.0	1.2
RE DISCCART	220.0	-80.0	1.2
RE DISCCART	220.0	-90.0	1.2
RE DISCCART	220.0	-100.0	1.2
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RE DISCCART	230.0	90.0	1.2
RE DISCCART	230.0	80.0	1.2
RE DISCCART	230.0	70.0	1.2
RE DISCCART	230.0	60.0	1.2
RE DISCCART	230.0	50.0	1.2
RE DISCCART	230.0	40.0	1.2
RE DISCCART	230.0	30.0	1.2
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RE DISCCART	230.0	-11.0	1.2
RE DISCCART	230.0	-13.0	1.2
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RE DISCCART	230.0	-40.0	1.2
RE DISCCART	230.0	-50.0	1.2
RE DISCCART	230.0	-60.0	1.2
RE DISCCART	230.0	-70.0	1.2
RE DISCCART	230.0	-80.0	1.2
RE DISCCART	230.0	-90.0	1.2
RE DISCCART	230.0	-100.0	1.2
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RE DISCCART	240.0	90.0	1.2
RE DISCCART	240.0	80.0	1.2
RE DISCCART	240.0	70.0	1.2
RE DISCCART	240.0	60.0	1.2
RE DISCCART	240.0	50.0	1.2
RE DISCCART	240.0	40.0	1.2
RE DISCCART	240.0	30.0	1.2
RE DISCCART	240.0	25.0	1.2
RE DISCCART	240.0	20.0	1.2
RE DISCCART	240.0	17.0	1.2
RE DISCCART	240.0	15.0	1.2
RE DISCCART	240.0	13.0	1.2
RE DISCCART	240.0	11.0	1.2
RE DISCCART	240.0	9.0	1.2
RE DISCCART	240.0	-9.0	1.2
RE DISCCART	240.0	-11.0	1.2
RE DISCCART	240.0	-13.0	1.2
RE DISCCART	240.0	-15.0	1.2
RE DISCCART	240.0	-17.0	1.2
RE DISCCART	240.0	-20.0	1.2
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RE DISCCART	240.0	-40.0	1.2
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RE DISCCART 240.0 -60.0 1.2
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RE DISCCART 240.0 -80.0 1.2
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RE DISCCART 250.0 80.0 1.2
RE DISCCART 250.0 70.0 1.2
RE DISCCART 250.0 60.0 1.2
RE DISCCART 250.0 50.0 1.2
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RE DISCCART 250.0 25.0 1.2
RE DISCCART 250.0 20.0 1.2
RE DISCCART 250.0 17.0 1.2
RE DISCCART 250.0 15.0 1.2
RE DISCCART 250.0 13.0 1.2
RE DISCCART 250.0 11.0 1.2
RE DISCCART 250.0 9.0 1.2
RE DISCCART 250.0 -9.0 1.2
RE DISCCART 250.0 -11.0 1.2
RE DISCCART 250.0 -13.0 1.2
RE DISCCART 250.0 -15.0 1.2
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RE DISCCART 250.0 -70.0 1.2
RE DISCCART 250.0 -80.0 1.2
RE DISCCART 250.0 -90.0 1.2
RE DISCCART 250.0 -100.0 1.2
RE FINISHED

ME STARTING
ME INPUTFIL "C:\NCRA\Modeling\Met Data\Petaluma\PET93300.ASC"
ME ANEMHGHT 10 METERS
ME SURFDATA 9901 1993
ME UAIRDATA 9901 1993
ME STARTEND 1993 01 01 1 1993 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\Petaluma\08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Petaluma\08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**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\PETALUMA\08NCRA-1.DAT

**Output Print File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\PETALUMA\08NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 10:44:12
 **MODELOPTs:
 PAGE 2
 CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	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	135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S2	0	0.21100E-07	45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S3	0	0.21100E-07	-45.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S4	0	0.21100E-07	-135.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30
NCRA_S5	0	0.21100E-07	-225.0	4.5	0.0	4.95	9.00	90.00	90.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 10:44:12
 **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 ***
 04/20/08
 10:44:12
 **MODELOPTs:
 PAGE 4
 CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN E-W Bound

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

**MODELOPTs:
PAGE 5
CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 6

CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN E-W Bound

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

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:

PAGE 7

CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 8

CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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); ( -100.0, 90.0, 0.0, 1.2);
( -100.0, 80.0, 0.0, 1.2); ( -100.0, 70.0, 0.0, 1.2);
( -100.0, 60.0, 0.0, 1.2); ( -100.0, 50.0, 0.0, 1.2);
( -100.0, 40.0, 0.0, 1.2); ( -100.0, 30.0, 0.0, 1.2);
( -100.0, 25.0, 0.0, 1.2); ( -100.0, 20.0, 0.0, 1.2);
( -100.0, 17.0, 0.0, 1.2); ( -100.0, 15.0, 0.0, 1.2);
( -100.0, 13.0, 0.0, 1.2); ( -100.0, 11.0, 0.0, 1.2);
```

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

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

08NCRA_PL93-300_DPM_TRAV_ANN E-W Bound
(METERS)

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:

PAGE 11

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 13

CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTS:
 PAGE 15

CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

**MODELOPTs:
PAGE 16
CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 17

CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 18
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTS:
 PAGE 19

CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

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

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
**MODELOPTs:
PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

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

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 21
 CONC

URBAN FLAT FLGPOL DFAULT

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
93	01	01	01	8.0	4.47	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	02	99.0	3.80	283.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	03	108.0	3.98	281.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	04	110.0	4.87	281.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	05	105.0	3.26	280.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	06	95.0	2.19	280.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	07	112.0	2.59	280.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	08	114.0	2.82	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	09	115.0	2.91	280.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	10	129.0	1.97	280.5	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	11	123.0	3.31	281.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	12	134.0	3.89	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	13	128.0	3.00	283.3	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	14	141.0	3.17	283.0	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	15	129.0	3.62	283.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	16	106.0	4.60	283.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	17	103.0	3.71	282.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	18	125.0	2.50	279.0	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	19	114.0	1.43	275.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	20	147.0	3.62	275.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	21	130.0	2.95	275.1	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	22	106.0	3.08	274.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	23	117.0	2.64	273.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
93	01	01	24	119.0	3.00	272.9	5	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 ***

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
PAGE 23

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-240.00	60.00	0.00005	-240.00	50.00	0.00005
-240.00	40.00	0.00005	-240.00	30.00	0.00005
-240.00	25.00	0.00005	-240.00	20.00	0.00005
-240.00	17.00	0.00004	-240.00	15.00	0.00004
-240.00	13.00	0.00004	-240.00	11.00	0.00004
-240.00	9.00	0.00004	-240.00	-9.00	0.00004
-240.00	-11.00	0.00004	-240.00	-13.00	0.00004
-240.00	-15.00	0.00004	-240.00	-17.00	0.00004
-240.00	-20.00	0.00004	-240.00	-25.00	0.00004
-240.00	-30.00	0.00004	-240.00	-40.00	0.00004
-240.00	-50.00	0.00003	-240.00	-60.00	0.00003
-240.00	-70.00	0.00003	-240.00	-80.00	0.00003
-240.00	-90.00	0.00003	-240.00	-100.00	0.00003
-230.00	100.00	0.00005	-230.00	90.00	0.00005
-230.00	80.00	0.00005	-230.00	70.00	0.00005
-230.00	60.00	0.00005	-230.00	50.00	0.00005
-230.00	40.00	0.00005	-230.00	30.00	0.00005
-230.00	25.00	0.00005	-230.00	20.00	0.00005
-230.00	17.00	0.00005	-230.00	15.00	0.00005
-230.00	13.00	0.00005	-230.00	11.00	0.00005
-230.00	9.00	0.00005	-230.00	-9.00	0.00004
-230.00	-11.00	0.00004	-230.00	-13.00	0.00004
-230.00	-15.00	0.00004	-230.00	-17.00	0.00004

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
-230.00	-20.00	0.00004	-230.00	-25.00	0.00004
-230.00	-30.00	0.00004	-230.00	-40.00	0.00004
-230.00	-50.00	0.00004	-230.00	-60.00	0.00003
-230.00	-70.00	0.00003	-230.00	-80.00	0.00003
-230.00	-90.00	0.00003	-230.00	-100.00	0.00003
-220.00	100.00	0.00006	-220.00	90.00	0.00006
-220.00	80.00	0.00006	-220.00	70.00	0.00006
-220.00	60.00	0.00006	-220.00	50.00	0.00005
-220.00	40.00	0.00005	-220.00	30.00	0.00005
-220.00	25.00	0.00005	-220.00	20.00	0.00005
-220.00	17.00	0.00005	-220.00	15.00	0.00005

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-220.00	13.00	0.00005	-220.00	11.00	0.00005
-220.00	9.00	0.00005	-220.00	-9.00	0.00004
-220.00	-11.00	0.00004	-220.00	-13.00	0.00004
-220.00	-15.00	0.00004	-220.00	-17.00	0.00004
-220.00	-20.00	0.00004	-220.00	-25.00	0.00004
-220.00	-30.00	0.00004	-220.00	-40.00	0.00004
-220.00	-50.00	0.00004	-220.00	-60.00	0.00003
-220.00	-70.00	0.00003	-220.00	-80.00	0.00003
-220.00	-90.00	0.00003	-220.00	-100.00	0.00003
-210.00	100.00	0.00006	-210.00	90.00	0.00006
-210.00	80.00	0.00006	-210.00	70.00	0.00006
-210.00	60.00	0.00006	-210.00	50.00	0.00006
-210.00	40.00	0.00006	-210.00	30.00	0.00005
-210.00	25.00	0.00005	-210.00	20.00	0.00005
-210.00	17.00	0.00005	-210.00	15.00	0.00005
-210.00	13.00	0.00005	-210.00	11.00	0.00005
-210.00	9.00	0.00005	-210.00	-9.00	0.00005
-210.00	-11.00	0.00005	-210.00	-13.00	0.00005
-210.00	-15.00	0.00005	-210.00	-17.00	0.00004
-210.00	-20.00	0.00004	-210.00	-25.00	0.00004
-210.00	-30.00	0.00004	-210.00	-40.00	0.00004
-210.00	-50.00	0.00004	-210.00	-60.00	0.00004
-210.00	-70.00	0.00003	-210.00	-80.00	0.00003
-210.00	-90.00	0.00003	-210.00	-100.00	0.00003
-200.00	100.00	0.00006	-200.00	90.00	0.00006
-200.00	80.00	0.00006	-200.00	70.00	0.00006
-200.00	60.00	0.00006	-200.00	50.00	0.00006
-200.00	40.00	0.00006	-200.00	30.00	0.00006
-200.00	25.00	0.00006	-200.00	20.00	0.00005

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
-200.00	17.00	0.00005	-200.00	15.00	0.00005
-200.00	13.00	0.00005	-200.00	11.00	0.00005
-200.00	9.00	0.00005	-200.00	-9.00	0.00005
-200.00	-11.00	0.00005	-200.00	-13.00	0.00005
-200.00	-15.00	0.00005	-200.00	-17.00	0.00005

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-200.00	-20.00	0.00005	-200.00	-25.00	0.00005
-200.00	-30.00	0.00004	-200.00	-40.00	0.00004
-200.00	-50.00	0.00004	-200.00	-60.00	0.00004
-200.00	-70.00	0.00004	-200.00	-80.00	0.00003
-200.00	-90.00	0.00003	-200.00	-100.00	0.00003
-190.00	100.00	0.00007	-190.00	90.00	0.00007
-190.00	80.00	0.00007	-190.00	70.00	0.00007
-190.00	60.00	0.00006	-190.00	50.00	0.00006
-190.00	40.00	0.00006	-190.00	30.00	0.00006
-190.00	25.00	0.00006	-190.00	20.00	0.00006
-190.00	17.00	0.00006	-190.00	15.00	0.00006
-190.00	13.00	0.00006	-190.00	11.00	0.00006
-190.00	9.00	0.00006	-190.00	-9.00	0.00005
-190.00	-11.00	0.00005	-190.00	-13.00	0.00005
-190.00	-15.00	0.00005	-190.00	-17.00	0.00005
-190.00	-20.00	0.00005	-190.00	-25.00	0.00005
-190.00	-30.00	0.00005	-190.00	-40.00	0.00004
-190.00	-50.00	0.00004	-190.00	-60.00	0.00004
-190.00	-70.00	0.00004	-190.00	-80.00	0.00003
-190.00	-90.00	0.00003	-190.00	-100.00	0.00003
-180.00	100.00	0.00007	-180.00	90.00	0.00007
-180.00	80.00	0.00007	-180.00	70.00	0.00007
-180.00	60.00	0.00007	-180.00	50.00	0.00007
-180.00	40.00	0.00007	-180.00	30.00	0.00006
-180.00	25.00	0.00006	-180.00	20.00	0.00006
-180.00	17.00	0.00006	-180.00	15.00	0.00006
-180.00	13.00	0.00006	-180.00	11.00	0.00006
-180.00	9.00	0.00006	-180.00	-9.00	0.00005
-180.00	-11.00	0.00005	-180.00	-13.00	0.00005
-180.00	-15.00	0.00005	-180.00	-17.00	0.00005
-180.00	-20.00	0.00005	-180.00	-25.00	0.00005
-180.00	-30.00	0.00005	-180.00	-40.00	0.00005
-180.00	-50.00	0.00004	-180.00	-60.00	0.00004
-180.00	-70.00	0.00004	-180.00	-80.00	0.00004
-180.00	-90.00	0.00003	-180.00	-100.00	0.00003

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 10:44:12
 **MODELOPTs:
 PAGE 26
 CONC URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00007	-170.00	90.00	0.00007
-170.00	80.00	0.00007	-170.00	70.00	0.00007
-170.00	60.00	0.00007	-170.00	50.00	0.00007
-170.00	40.00	0.00007	-170.00	30.00	0.00007
-170.00	25.00	0.00007	-170.00	20.00	0.00006
-170.00	17.00	0.00006	-170.00	15.00	0.00006
-170.00	13.00	0.00006	-170.00	11.00	0.00006
-170.00	9.00	0.00006	-170.00	-9.00	0.00006
-170.00	-11.00	0.00006	-170.00	-13.00	0.00006
-170.00	-15.00	0.00005	-170.00	-17.00	0.00005
-170.00	-20.00	0.00005	-170.00	-25.00	0.00005
-170.00	-30.00	0.00005	-170.00	-40.00	0.00005
-170.00	-50.00	0.00005	-170.00	-60.00	0.00004
-170.00	-70.00	0.00004	-170.00	-80.00	0.00004
-170.00	-90.00	0.00004	-170.00	-100.00	0.00003
-160.00	100.00	0.00008	-160.00	90.00	0.00008
-160.00	80.00	0.00008	-160.00	70.00	0.00008
-160.00	60.00	0.00008	-160.00	50.00	0.00007
-160.00	40.00	0.00007	-160.00	30.00	0.00007
-160.00	25.00	0.00007	-160.00	20.00	0.00007
-160.00	17.00	0.00007	-160.00	15.00	0.00007
-160.00	13.00	0.00007	-160.00	11.00	0.00007
-160.00	9.00	0.00006	-160.00	-9.00	0.00006
-160.00	-11.00	0.00006	-160.00	-13.00	0.00006
-160.00	-15.00	0.00006	-160.00	-17.00	0.00006
-160.00	-20.00	0.00006	-160.00	-25.00	0.00005
-160.00	-30.00	0.00005	-160.00	-40.00	0.00005
-160.00	-50.00	0.00005	-160.00	-60.00	0.00004
-160.00	-70.00	0.00004	-160.00	-80.00	0.00004
-160.00	-90.00	0.00004	-160.00	-100.00	0.00004
-150.00	100.00	0.00008	-150.00	90.00	0.00008
-150.00	80.00	0.00008	-150.00	70.00	0.00008
-150.00	60.00	0.00008	-150.00	50.00	0.00008
-150.00	40.00	0.00008	-150.00	30.00	0.00008
-150.00	25.00	0.00007	-150.00	20.00	0.00007
-150.00	17.00	0.00007	-150.00	15.00	0.00007
-150.00	13.00	0.00007	-150.00	11.00	0.00007
-150.00	9.00	0.00007	-150.00	-9.00	0.00006
-150.00	-11.00	0.00006	-150.00	-13.00	0.00006
-150.00	-15.00	0.00006	-150.00	-17.00	0.00006

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:

*** 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
-150.00	-20.00	0.00006	-150.00	-25.00	0.00006
-150.00	-30.00	0.00006	-150.00	-40.00	0.00005
-150.00	-50.00	0.00005	-150.00	-60.00	0.00005
-150.00	-70.00	0.00004	-150.00	-80.00	0.00004
-150.00	-90.00	0.00004	-150.00	-100.00	0.00004
-140.00	100.00	0.00008	-140.00	90.00	0.00009
-140.00	80.00	0.00009	-140.00	70.00	0.00009
-140.00	60.00	0.00009	-140.00	50.00	0.00008
-140.00	40.00	0.00008	-140.00	30.00	0.00008
-140.00	25.00	0.00008	-140.00	20.00	0.00008
-140.00	17.00	0.00008	-140.00	15.00	0.00007
-140.00	13.00	0.00007	-140.00	11.00	0.00007
-140.00	9.00	0.00007	-140.00	-9.00	0.00007
-140.00	-11.00	0.00007	-140.00	-13.00	0.00006
-140.00	-15.00	0.00006	-140.00	-17.00	0.00006
-140.00	-20.00	0.00006	-140.00	-25.00	0.00006
-140.00	-30.00	0.00006	-140.00	-40.00	0.00006
-140.00	-50.00	0.00005	-140.00	-60.00	0.00005
-140.00	-70.00	0.00005	-140.00	-80.00	0.00004
-140.00	-90.00	0.00004	-140.00	-100.00	0.00004
-130.00	100.00	0.00009	-130.00	90.00	0.00009
-130.00	80.00	0.00009	-130.00	70.00	0.00009
-130.00	60.00	0.00009	-130.00	50.00	0.00009
-130.00	40.00	0.00009	-130.00	30.00	0.00008
-130.00	25.00	0.00008	-130.00	20.00	0.00008
-130.00	17.00	0.00008	-130.00	15.00	0.00008
-130.00	13.00	0.00008	-130.00	11.00	0.00008
-130.00	9.00	0.00008	-130.00	-9.00	0.00007
-130.00	-11.00	0.00007	-130.00	-13.00	0.00007
-130.00	-15.00	0.00007	-130.00	-17.00	0.00007
-130.00	-20.00	0.00007	-130.00	-25.00	0.00006
-130.00	-30.00	0.00006	-130.00	-40.00	0.00006
-130.00	-50.00	0.00005	-130.00	-60.00	0.00005
-130.00	-70.00	0.00005	-130.00	-80.00	0.00004
-130.00	-90.00	0.00004	-130.00	-100.00	0.00004
-120.00	100.00	0.00009	-120.00	90.00	0.00010
-120.00	80.00	0.00010	-120.00	70.00	0.00010

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 29

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
-90.00	100.00	0.00011	-90.00	90.00	0.00012
-90.00	80.00	0.00012	-90.00	70.00	0.00012
-90.00	60.00	0.00012	-90.00	50.00	0.00012
-90.00	40.00	0.00012	-90.00	30.00	0.00011
-90.00	25.00	0.00011	-90.00	20.00	0.00011
-90.00	17.00	0.00011	-90.00	15.00	0.00010
-90.00	13.00	0.00010	-90.00	11.00	0.00010
-90.00	9.00	0.00010	-90.00	-9.00	0.00009
-90.00	-11.00	0.00009	-90.00	-13.00	0.00009
-90.00	-15.00	0.00009	-90.00	-17.00	0.00009
-90.00	-20.00	0.00008	-90.00	-25.00	0.00008
-90.00	-30.00	0.00008	-90.00	-40.00	0.00007
-90.00	-50.00	0.00007	-90.00	-60.00	0.00006
-90.00	-70.00	0.00006	-90.00	-80.00	0.00005
-90.00	-90.00	0.00005	-90.00	-100.00	0.00005
-80.00	100.00	0.00012	-80.00	90.00	0.00012
-80.00	80.00	0.00012	-80.00	70.00	0.00013
-80.00	60.00	0.00013	-80.00	50.00	0.00013
-80.00	40.00	0.00012	-80.00	30.00	0.00012
-80.00	25.00	0.00012	-80.00	20.00	0.00011
-80.00	17.00	0.00011	-80.00	15.00	0.00011
-80.00	13.00	0.00011	-80.00	11.00	0.00011
-80.00	9.00	0.00011	-80.00	-9.00	0.00010
-80.00	-11.00	0.00010	-80.00	-13.00	0.00009
-80.00	-15.00	0.00009	-80.00	-17.00	0.00009

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-80.00	-20.00	0.00009	-80.00	-25.00	0.00009
-80.00	-30.00	0.00008	-80.00	-40.00	0.00008
-80.00	-50.00	0.00007	-80.00	-60.00	0.00006
-80.00	-70.00	0.00006	-80.00	-80.00	0.00006
-80.00	-90.00	0.00006	-80.00	-100.00	0.00005
-70.00	100.00	0.00013	-70.00	90.00	0.00013
-70.00	80.00	0.00013	-70.00	70.00	0.00014
-70.00	60.00	0.00014	-70.00	50.00	0.00014
-70.00	40.00	0.00013	-70.00	30.00	0.00013
-70.00	25.00	0.00013	-70.00	20.00	0.00012
-70.00	17.00	0.00012	-70.00	15.00	0.00012
-70.00	13.00	0.00012	-70.00	11.00	0.00012
-70.00	9.00	0.00012	-70.00	-9.00	0.00010
-70.00	-11.00	0.00010	-70.00	-13.00	0.00010
-70.00	-15.00	0.00010	-70.00	-17.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 30

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

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

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-30.00	40.00	0.00019	-30.00	30.00	0.00018
-30.00	25.00	0.00018	-30.00	20.00	0.00018
-30.00	17.00	0.00017	-30.00	15.00	0.00017
-30.00	13.00	0.00017	-30.00	11.00	0.00017
-30.00	9.00	0.00016	-30.00	-9.00	0.00014
-30.00	-11.00	0.00014	-30.00	-13.00	0.00014
-30.00	-15.00	0.00013	-30.00	-17.00	0.00013
-30.00	-20.00	0.00013	-30.00	-25.00	0.00012
-30.00	-30.00	0.00012	-30.00	-40.00	0.00010
-30.00	-50.00	0.00009	-30.00	-60.00	0.00009
-30.00	-70.00	0.00008	-30.00	-80.00	0.00008
-30.00	-90.00	0.00008	-30.00	-100.00	0.00008
-20.00	100.00	0.00019	-20.00	90.00	0.00020
-20.00	80.00	0.00020	-20.00	70.00	0.00020
-20.00	60.00	0.00021	-20.00	50.00	0.00021
-20.00	40.00	0.00021	-20.00	30.00	0.00020
-20.00	25.00	0.00020	-20.00	20.00	0.00019
-20.00	17.00	0.00019	-20.00	15.00	0.00019
-20.00	13.00	0.00019	-20.00	11.00	0.00018
-20.00	9.00	0.00018	-20.00	-9.00	0.00015
-20.00	-11.00	0.00015	-20.00	-13.00	0.00015
-20.00	-15.00	0.00015	-20.00	-17.00	0.00014
-20.00	-20.00	0.00014	-20.00	-25.00	0.00013
-20.00	-30.00	0.00012	-20.00	-40.00	0.00011
-20.00	-50.00	0.00010	-20.00	-60.00	0.00009
-20.00	-70.00	0.00009	-20.00	-80.00	0.00009
-20.00	-90.00	0.00008	-20.00	-100.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
-10.00	100.00	0.00021	-10.00	90.00	0.00021
-10.00	80.00	0.00022	-10.00	70.00	0.00022
-10.00	60.00	0.00023	-10.00	50.00	0.00023
-10.00	40.00	0.00023	-10.00	30.00	0.00022
-10.00	25.00	0.00022	-10.00	20.00	0.00021
-10.00	17.00	0.00021	-10.00	15.00	0.00021
-10.00	13.00	0.00021	-10.00	11.00	0.00020

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-10.00	9.00	0.00020	-10.00	-9.00	0.00017
-10.00	-11.00	0.00017	-10.00	-13.00	0.00016
-10.00	-15.00	0.00016	-10.00	-17.00	0.00016
-10.00	-20.00	0.00015	-10.00	-25.00	0.00014
-10.00	-30.00	0.00013	-10.00	-40.00	0.00012
-10.00	-50.00	0.00011	-10.00	-60.00	0.00010
-10.00	-70.00	0.00010	-10.00	-80.00	0.00009
-10.00	-90.00	0.00009	-10.00	-100.00	0.00009
0.00	100.00	0.00022	0.00	90.00	0.00023
0.00	80.00	0.00024	0.00	70.00	0.00025
0.00	60.00	0.00025	0.00	50.00	0.00025
0.00	40.00	0.00025	0.00	30.00	0.00025
0.00	25.00	0.00025	0.00	20.00	0.00024
0.00	17.00	0.00024	0.00	15.00	0.00023
0.00	13.00	0.00023	0.00	11.00	0.00022
0.00	9.00	0.00022	0.00	-9.00	0.00019
0.00	-11.00	0.00018	0.00	-13.00	0.00018
0.00	-15.00	0.00017	0.00	-17.00	0.00017
0.00	-20.00	0.00016	0.00	-25.00	0.00016
0.00	-30.00	0.00015	0.00	-40.00	0.00013
0.00	-50.00	0.00012	0.00	-60.00	0.00011
0.00	-70.00	0.00011	0.00	-80.00	0.00010
0.00	-90.00	0.00010	0.00	-100.00	0.00009
10.00	100.00	0.00024	10.00	90.00	0.00025
10.00	80.00	0.00026	10.00	70.00	0.00027
10.00	60.00	0.00028	10.00	50.00	0.00028
10.00	40.00	0.00028	10.00	30.00	0.00028
10.00	25.00	0.00028	10.00	20.00	0.00027
10.00	17.00	0.00026	10.00	15.00	0.00026
10.00	13.00	0.00026	10.00	11.00	0.00025
10.00	9.00	0.00025	10.00	-9.00	0.00021
10.00	-11.00	0.00020	10.00	-13.00	0.00020
10.00	-15.00	0.00019	10.00	-17.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
10.00	-20.00	0.00018	10.00	-25.00	0.00017

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

10.00	-30.00	0.00016	10.00	-40.00	0.00014
10.00	-50.00	0.00013	10.00	-60.00	0.00012
10.00	-70.00	0.00012	10.00	-80.00	0.00011
10.00	-90.00	0.00010	10.00	-100.00	0.00010
20.00	100.00	0.00026	20.00	90.00	0.00028
20.00	80.00	0.00029	20.00	70.00	0.00030
20.00	60.00	0.00031	20.00	50.00	0.00031
20.00	40.00	0.00032	20.00	30.00	0.00031
20.00	25.00	0.00031	20.00	20.00	0.00030
20.00	17.00	0.00030	20.00	15.00	0.00029
20.00	13.00	0.00029	20.00	11.00	0.00028
20.00	9.00	0.00028	20.00	-9.00	0.00023
20.00	-11.00	0.00022	20.00	-13.00	0.00022
20.00	-15.00	0.00021	20.00	-17.00	0.00021
20.00	-20.00	0.00020	20.00	-25.00	0.00018
20.00	-30.00	0.00017	20.00	-40.00	0.00015
20.00	-50.00	0.00014	20.00	-60.00	0.00013
20.00	-70.00	0.00013	20.00	-80.00	0.00012
20.00	-90.00	0.00011	20.00	-100.00	0.00011
30.00	100.00	0.00028	30.00	90.00	0.00030
30.00	80.00	0.00032	30.00	70.00	0.00034
30.00	60.00	0.00035	30.00	50.00	0.00035
30.00	40.00	0.00036	30.00	30.00	0.00036
30.00	25.00	0.00035	30.00	20.00	0.00035
30.00	17.00	0.00034	30.00	15.00	0.00033
30.00	13.00	0.00033	30.00	11.00	0.00032
30.00	9.00	0.00032	30.00	-9.00	0.00026
30.00	-11.00	0.00025	30.00	-13.00	0.00024
30.00	-15.00	0.00024	30.00	-17.00	0.00023
30.00	-20.00	0.00022	30.00	-25.00	0.00020
30.00	-30.00	0.00019	30.00	-40.00	0.00017
30.00	-50.00	0.00015	30.00	-60.00	0.00015
30.00	-70.00	0.00014	30.00	-80.00	0.00013
30.00	-90.00	0.00012	30.00	-100.00	0.00011
40.00	100.00	0.00030	40.00	90.00	0.00032
40.00	80.00	0.00035	40.00	70.00	0.00037
40.00	60.00	0.00039	40.00	50.00	0.00040
40.00	40.00	0.00040	40.00	30.00	0.00041
40.00	25.00	0.00040	40.00	20.00	0.00040

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**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
40.00	17.00	0.00039	40.00	15.00	0.00038
40.00	13.00	0.00038	40.00	11.00	0.00037
40.00	9.00	0.00036	40.00	-9.00	0.00029
40.00	-11.00	0.00028	40.00	-13.00	0.00027
40.00	-15.00	0.00026	40.00	-17.00	0.00025
40.00	-20.00	0.00024	40.00	-25.00	0.00022
40.00	-30.00	0.00021	40.00	-40.00	0.00018
40.00	-50.00	0.00017	40.00	-60.00	0.00016
40.00	-70.00	0.00015	40.00	-80.00	0.00014
40.00	-90.00	0.00013	40.00	-100.00	0.00012
50.00	100.00	0.00032	50.00	90.00	0.00035
50.00	80.00	0.00038	50.00	70.00	0.00041
50.00	60.00	0.00044	50.00	50.00	0.00046
50.00	40.00	0.00046	50.00	30.00	0.00047
50.00	25.00	0.00047	50.00	20.00	0.00046
50.00	17.00	0.00045	50.00	15.00	0.00044
50.00	13.00	0.00044	50.00	11.00	0.00043
50.00	9.00	0.00042	50.00	-9.00	0.00033
50.00	-11.00	0.00032	50.00	-13.00	0.00030
50.00	-15.00	0.00029	50.00	-17.00	0.00028
50.00	-20.00	0.00027	50.00	-25.00	0.00025
50.00	-30.00	0.00023	50.00	-40.00	0.00021
50.00	-50.00	0.00019	50.00	-60.00	0.00018
50.00	-70.00	0.00017	50.00	-80.00	0.00015
50.00	-90.00	0.00014	50.00	-100.00	0.00014
60.00	100.00	0.00034	60.00	90.00	0.00037
60.00	80.00	0.00041	60.00	70.00	0.00045
60.00	60.00	0.00049	60.00	50.00	0.00052
60.00	40.00	0.00054	60.00	30.00	0.00054
60.00	25.00	0.00054	60.00	20.00	0.00054
60.00	17.00	0.00053	60.00	15.00	0.00052
60.00	13.00	0.00051	60.00	11.00	0.00050
60.00	9.00	0.00049	60.00	-9.00	0.00037
60.00	-11.00	0.00036	60.00	-13.00	0.00034
60.00	-15.00	0.00033	60.00	-17.00	0.00032
60.00	-20.00	0.00030	60.00	-25.00	0.00027
60.00	-30.00	0.00026	60.00	-40.00	0.00023
60.00	-50.00	0.00021	60.00	-60.00	0.00020
60.00	-70.00	0.00018	60.00	-80.00	0.00017

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

60.00 -90.00 0.00016 60.00 -100.00 0.00016

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

10:44:12

**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
70.00	100.00	0.00036	70.00	90.00	0.00040
70.00	80.00	0.00045	70.00	70.00	0.00050
70.00	60.00	0.00055	70.00	50.00	0.00060
70.00	40.00	0.00063	70.00	30.00	0.00064
70.00	25.00	0.00064	70.00	20.00	0.00063
70.00	17.00	0.00063	70.00	15.00	0.00062
70.00	13.00	0.00061	70.00	11.00	0.00060
70.00	9.00	0.00058	70.00	-9.00	0.00043
70.00	-11.00	0.00041	70.00	-13.00	0.00039
70.00	-15.00	0.00037	70.00	-17.00	0.00036
70.00	-20.00	0.00034	70.00	-25.00	0.00031
70.00	-30.00	0.00029	70.00	-40.00	0.00026
70.00	-50.00	0.00024	70.00	-60.00	0.00022
70.00	-70.00	0.00021	70.00	-80.00	0.00020
70.00	-90.00	0.00019	70.00	-100.00	0.00018
80.00	100.00	0.00037	80.00	90.00	0.00042
80.00	80.00	0.00048	80.00	70.00	0.00055
80.00	60.00	0.00062	80.00	50.00	0.00068
80.00	40.00	0.00073	80.00	30.00	0.00076
80.00	25.00	0.00076	80.00	20.00	0.00076
80.00	17.00	0.00075	80.00	15.00	0.00074
80.00	13.00	0.00073	80.00	11.00	0.00072
80.00	9.00	0.00070	80.00	-9.00	0.00049
80.00	-11.00	0.00047	80.00	-13.00	0.00044
80.00	-15.00	0.00042	80.00	-17.00	0.00040
80.00	-20.00	0.00038	80.00	-25.00	0.00035
80.00	-30.00	0.00033	80.00	-40.00	0.00030
80.00	-50.00	0.00027	80.00	-60.00	0.00025
80.00	-70.00	0.00024	80.00	-80.00	0.00023
80.00	-90.00	0.00022	80.00	-100.00	0.00021
90.00	100.00	0.00038	90.00	90.00	0.00044
90.00	80.00	0.00052	90.00	70.00	0.00060
90.00	60.00	0.00068	90.00	50.00	0.00077

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

90.00	40.00	0.00086	90.00	30.00	0.00091
90.00	25.00	0.00093	90.00	20.00	0.00092
90.00	17.00	0.00091	90.00	15.00	0.00091
90.00	13.00	0.00089	90.00	11.00	0.00088
90.00	9.00	0.00086	90.00	-9.00	0.00057
90.00	-11.00	0.00054	90.00	-13.00	0.00051
90.00	-15.00	0.00048	90.00	-17.00	0.00046

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 36

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
90.00	-20.00	0.00043	90.00	-25.00	0.00040
90.00	-30.00	0.00037	90.00	-40.00	0.00034
90.00	-50.00	0.00031	90.00	-60.00	0.00030
90.00	-70.00	0.00028	90.00	-80.00	0.00027
90.00	-90.00	0.00026	90.00	-100.00	0.00025
100.00	100.00	0.00039	100.00	90.00	0.00046
100.00	80.00	0.00054	100.00	70.00	0.00064
100.00	60.00	0.00075	100.00	50.00	0.00087
100.00	40.00	0.00099	100.00	30.00	0.00110
100.00	25.00	0.00113	100.00	20.00	0.00114
100.00	17.00	0.00114	100.00	15.00	0.00113
100.00	13.00	0.00111	100.00	11.00	0.00109
100.00	9.00	0.00107	100.00	-9.00	0.00065
100.00	-11.00	0.00061	100.00	-13.00	0.00058
100.00	-15.00	0.00055	100.00	-17.00	0.00053
100.00	-20.00	0.00050	100.00	-25.00	0.00046
100.00	-30.00	0.00043	100.00	-40.00	0.00039
100.00	-50.00	0.00037	100.00	-60.00	0.00036
100.00	-70.00	0.00034	100.00	-80.00	0.00032
100.00	-90.00	0.00030	100.00	-100.00	0.00028
110.00	100.00	0.00038	110.00	90.00	0.00046
110.00	80.00	0.00055	110.00	70.00	0.00066
110.00	60.00	0.00080	110.00	50.00	0.00096
110.00	40.00	0.00114	110.00	30.00	0.00131
110.00	25.00	0.00138	110.00	20.00	0.00143
110.00	17.00	0.00143	110.00	15.00	0.00143
110.00	13.00	0.00142	110.00	11.00	0.00139

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

110.00	9.00	0.00136	110.00	-9.00	0.00076
110.00	-11.00	0.00071	110.00	-13.00	0.00067
110.00	-15.00	0.00063	110.00	-17.00	0.00061
110.00	-20.00	0.00057	110.00	-25.00	0.00053
110.00	-30.00	0.00051	110.00	-40.00	0.00048
110.00	-50.00	0.00046	110.00	-60.00	0.00043
110.00	-70.00	0.00040	110.00	-80.00	0.00037
110.00	-90.00	0.00035	110.00	-100.00	0.00032
120.00	100.00	0.00037	120.00	90.00	0.00045
120.00	80.00	0.00054	120.00	70.00	0.00066
120.00	60.00	0.00082	120.00	50.00	0.00102
120.00	40.00	0.00126	120.00	30.00	0.00152
120.00	25.00	0.00166	120.00	20.00	0.00177

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 37

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00181	120.00	15.00	0.00183
120.00	13.00	0.00183	120.00	11.00	0.00182
120.00	9.00	0.00178	120.00	-9.00	0.00087
120.00	-11.00	0.00081	120.00	-13.00	0.00077
120.00	-15.00	0.00073	120.00	-17.00	0.00071
120.00	-20.00	0.00068	120.00	-25.00	0.00066
120.00	-30.00	0.00064	120.00	-40.00	0.00060
120.00	-50.00	0.00056	120.00	-60.00	0.00052
120.00	-70.00	0.00048	120.00	-80.00	0.00044
120.00	-90.00	0.00041	120.00	-100.00	0.00037
130.00	100.00	0.00035	130.00	90.00	0.00043
130.00	80.00	0.00053	130.00	70.00	0.00065
130.00	60.00	0.00082	130.00	50.00	0.00103
130.00	40.00	0.00131	130.00	30.00	0.00165
130.00	25.00	0.00185	130.00	20.00	0.00206
130.00	17.00	0.00218	130.00	15.00	0.00225
130.00	13.00	0.00232	130.00	11.00	0.00238
130.00	9.00	0.00240	130.00	-9.00	0.00107
130.00	-11.00	0.00101	130.00	-13.00	0.00097
130.00	-15.00	0.00094	130.00	-17.00	0.00091
130.00	-20.00	0.00088	130.00	-25.00	0.00085

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

130.00	-30.00	0.00082	130.00	-40.00	0.00076
130.00	-50.00	0.00070	130.00	-60.00	0.00064
130.00	-70.00	0.00058	130.00	-80.00	0.00053
130.00	-90.00	0.00048	130.00	-100.00	0.00043
140.00	100.00	0.00033	140.00	90.00	0.00041
140.00	80.00	0.00050	140.00	70.00	0.00063
140.00	60.00	0.00079	140.00	50.00	0.00102
140.00	40.00	0.00131	140.00	30.00	0.00169
140.00	25.00	0.00192	140.00	20.00	0.00217
140.00	17.00	0.00232	140.00	15.00	0.00242
140.00	13.00	0.00253	140.00	11.00	0.00265
140.00	9.00	0.00277	140.00	-9.00	0.00195
140.00	-11.00	0.00170	140.00	-13.00	0.00154
140.00	-15.00	0.00144	140.00	-17.00	0.00136
140.00	-20.00	0.00128	140.00	-25.00	0.00118
140.00	-30.00	0.00111	140.00	-40.00	0.00100
140.00	-50.00	0.00089	140.00	-60.00	0.00079
140.00	-70.00	0.00070	140.00	-80.00	0.00063
140.00	-90.00	0.00056	140.00	-100.00	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 38

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00031	150.00	90.00	0.00038
150.00	80.00	0.00047	150.00	70.00	0.00059
150.00	60.00	0.00075	150.00	50.00	0.00098
150.00	40.00	0.00129	150.00	30.00	0.00170
150.00	25.00	0.00195	150.00	20.00	0.00223
150.00	17.00	0.00241	150.00	15.00	0.00254
150.00	13.00	0.00266	150.00	11.00	0.00280
150.00	9.00	0.00297	150.00	-9.00	0.00414
150.00	-11.00	0.00358	150.00	-13.00	0.00313
150.00	-15.00	0.00278	150.00	-17.00	0.00250
150.00	-20.00	0.00219	150.00	-25.00	0.00186
150.00	-30.00	0.00164	150.00	-40.00	0.00134
150.00	-50.00	0.00114	150.00	-60.00	0.00098
150.00	-70.00	0.00085	150.00	-80.00	0.00074
150.00	-90.00	0.00065	150.00	-100.00	0.00057

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

160.00	100.00	0.00028	160.00	90.00	0.00034
160.00	80.00	0.00043	160.00	70.00	0.00055
160.00	60.00	0.00070	160.00	50.00	0.00093
160.00	40.00	0.00124	160.00	30.00	0.00168
160.00	25.00	0.00194	160.00	20.00	0.00225
160.00	17.00	0.00245	160.00	15.00	0.00259
160.00	13.00	0.00275	160.00	11.00	0.00293
160.00	9.00	0.00315	160.00	-9.00	0.00576
160.00	-11.00	0.00524	160.00	-13.00	0.00478
160.00	-15.00	0.00436	160.00	-17.00	0.00399
160.00	-20.00	0.00350	160.00	-25.00	0.00287
160.00	-30.00	0.00242	160.00	-40.00	0.00185
160.00	-50.00	0.00149	160.00	-60.00	0.00123
160.00	-70.00	0.00103	160.00	-80.00	0.00088
160.00	-90.00	0.00075	160.00	-100.00	0.00065
170.00	100.00	0.00025	170.00	90.00	0.00031
170.00	80.00	0.00039	170.00	70.00	0.00049
170.00	60.00	0.00064	170.00	50.00	0.00086
170.00	40.00	0.00116	170.00	30.00	0.00160
170.00	25.00	0.00188	170.00	20.00	0.00221
170.00	17.00	0.00244	170.00	15.00	0.00261
170.00	13.00	0.00280	170.00	11.00	0.00301
170.00	9.00	0.00328	170.00	-9.00	0.00676
170.00	-11.00	0.00632	170.00	-13.00	0.00591
170.00	-15.00	0.00554	170.00	-17.00	0.00518

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 39

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00468	170.00	-25.00	0.00393
170.00	-30.00	0.00332	170.00	-40.00	0.00245
170.00	-50.00	0.00191	170.00	-60.00	0.00153
170.00	-70.00	0.00125	170.00	-80.00	0.00103
170.00	-90.00	0.00087	170.00	-100.00	0.00074
180.00	100.00	0.00022	180.00	90.00	0.00027
180.00	80.00	0.00034	180.00	70.00	0.00044
180.00	60.00	0.00057	180.00	50.00	0.00077
180.00	40.00	0.00105	180.00	30.00	0.00148

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

180.00	25.00	0.00177	180.00	20.00	0.00213
180.00	17.00	0.00238	180.00	15.00	0.00257
180.00	13.00	0.00278	180.00	11.00	0.00302
180.00	9.00	0.00332	180.00	-9.00	0.00740
180.00	-11.00	0.00701	180.00	-13.00	0.00665
180.00	-15.00	0.00631	180.00	-17.00	0.00599
180.00	-20.00	0.00552	180.00	-25.00	0.00479
180.00	-30.00	0.00413	180.00	-40.00	0.00309
180.00	-50.00	0.00236	180.00	-60.00	0.00184
180.00	-70.00	0.00148	180.00	-80.00	0.00120
180.00	-90.00	0.00100	180.00	-100.00	0.00084
190.00	100.00	0.00020	190.00	90.00	0.00024
190.00	80.00	0.00030	190.00	70.00	0.00038
190.00	60.00	0.00049	190.00	50.00	0.00066
190.00	40.00	0.00092	190.00	30.00	0.00132
190.00	25.00	0.00161	190.00	20.00	0.00198
190.00	17.00	0.00224	190.00	15.00	0.00245
190.00	13.00	0.00267	190.00	11.00	0.00294
190.00	9.00	0.00327	190.00	-9.00	0.00782
190.00	-11.00	0.00745	190.00	-13.00	0.00713
190.00	-15.00	0.00683	190.00	-17.00	0.00653
190.00	-20.00	0.00610	190.00	-25.00	0.00541
190.00	-30.00	0.00477	190.00	-40.00	0.00365
190.00	-50.00	0.00279	190.00	-60.00	0.00216
190.00	-70.00	0.00171	190.00	-80.00	0.00138
190.00	-90.00	0.00114	190.00	-100.00	0.00095
200.00	100.00	0.00018	200.00	90.00	0.00022
200.00	80.00	0.00027	200.00	70.00	0.00033
200.00	60.00	0.00042	200.00	50.00	0.00055
200.00	40.00	0.00076	200.00	30.00	0.00112
200.00	25.00	0.00139	200.00	20.00	0.00174

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 40

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
200.00	17.00	0.00201	200.00	15.00	0.00222
200.00	13.00	0.00246	200.00	11.00	0.00274
200.00	9.00	0.00310	200.00	-9.00	0.00809

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

200.00	-11.00	0.00773	200.00	-13.00	0.00744
200.00	-15.00	0.00716	200.00	-17.00	0.00689
200.00	-20.00	0.00648	200.00	-25.00	0.00583
200.00	-30.00	0.00521	200.00	-40.00	0.00408
200.00	-50.00	0.00316	200.00	-60.00	0.00246
200.00	-70.00	0.00194	200.00	-80.00	0.00156
200.00	-90.00	0.00128	200.00	-100.00	0.00106
210.00	100.00	0.00017	210.00	90.00	0.00020
210.00	80.00	0.00024	210.00	70.00	0.00029
210.00	60.00	0.00036	210.00	50.00	0.00047
210.00	40.00	0.00063	210.00	30.00	0.00090
210.00	25.00	0.00112	210.00	20.00	0.00143
210.00	17.00	0.00167	210.00	15.00	0.00187
210.00	13.00	0.00210	210.00	11.00	0.00239
210.00	9.00	0.00275	210.00	-9.00	0.00823
210.00	-11.00	0.00790	210.00	-13.00	0.00762
210.00	-15.00	0.00736	210.00	-17.00	0.00710
210.00	-20.00	0.00671	210.00	-25.00	0.00607
210.00	-30.00	0.00547	210.00	-40.00	0.00437
210.00	-50.00	0.00345	210.00	-60.00	0.00271
210.00	-70.00	0.00215	210.00	-80.00	0.00173
210.00	-90.00	0.00141	210.00	-100.00	0.00117
220.00	100.00	0.00016	220.00	90.00	0.00019
220.00	80.00	0.00022	220.00	70.00	0.00026
220.00	60.00	0.00032	220.00	50.00	0.00041
220.00	40.00	0.00054	220.00	30.00	0.00076
220.00	25.00	0.00092	220.00	20.00	0.00114
220.00	17.00	0.00132	220.00	15.00	0.00147
220.00	13.00	0.00165	220.00	11.00	0.00188
220.00	9.00	0.00220	220.00	-9.00	0.00824
220.00	-11.00	0.00792	220.00	-13.00	0.00762
220.00	-15.00	0.00738	220.00	-17.00	0.00713
220.00	-20.00	0.00676	220.00	-25.00	0.00616
220.00	-30.00	0.00559	220.00	-40.00	0.00454
220.00	-50.00	0.00364	220.00	-60.00	0.00290
220.00	-70.00	0.00232	220.00	-80.00	0.00187
220.00	-90.00	0.00153	220.00	-100.00	0.00126

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 41

CONC URBAN FLAT FLGPOL DFAULT

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

08NCRA_PL93-300_DPM_TRAV_ANN E-W Bound
 *** 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
230.00	100.00	0.00015	230.00	90.00	0.00017
230.00	80.00	0.00020	230.00	70.00	0.00024
230.00	60.00	0.00030	230.00	50.00	0.00037
230.00	40.00	0.00049	230.00	30.00	0.00068
230.00	25.00	0.00082	230.00	20.00	0.00101
230.00	17.00	0.00116	230.00	15.00	0.00129
230.00	13.00	0.00144	230.00	11.00	0.00163
230.00	9.00	0.00187	230.00	-9.00	0.00744
230.00	-11.00	0.00739	230.00	-13.00	0.00723
230.00	-15.00	0.00704	230.00	-17.00	0.00686
230.00	-20.00	0.00656	230.00	-25.00	0.00604
230.00	-30.00	0.00552	230.00	-40.00	0.00456
230.00	-50.00	0.00372	230.00	-60.00	0.00301
230.00	-70.00	0.00244	230.00	-80.00	0.00198
230.00	-90.00	0.00162	230.00	-100.00	0.00135
240.00	100.00	0.00014	240.00	90.00	0.00016
240.00	80.00	0.00019	240.00	70.00	0.00022
240.00	60.00	0.00027	240.00	50.00	0.00034
240.00	40.00	0.00045	240.00	30.00	0.00061
240.00	25.00	0.00073	240.00	20.00	0.00090
240.00	17.00	0.00103	240.00	15.00	0.00115
240.00	13.00	0.00128	240.00	11.00	0.00145
240.00	9.00	0.00166	240.00	-9.00	0.00528
240.00	-11.00	0.00555	240.00	-13.00	0.00573
240.00	-15.00	0.00583	240.00	-17.00	0.00585
240.00	-20.00	0.00579	240.00	-25.00	0.00553
240.00	-30.00	0.00517	240.00	-40.00	0.00440
240.00	-50.00	0.00368	240.00	-60.00	0.00304
240.00	-70.00	0.00250	240.00	-80.00	0.00206
240.00	-90.00	0.00170	240.00	-100.00	0.00141
250.00	100.00	0.00013	250.00	90.00	0.00015
250.00	80.00	0.00017	250.00	70.00	0.00021
250.00	60.00	0.00025	250.00	50.00	0.00032
250.00	40.00	0.00041	250.00	30.00	0.00055
250.00	25.00	0.00066	250.00	20.00	0.00081
250.00	17.00	0.00093	250.00	15.00	0.00103
250.00	13.00	0.00114	250.00	11.00	0.00127
250.00	9.00	0.00143	250.00	-9.00	0.00371
250.00	-11.00	0.00393	250.00	-13.00	0.00413
250.00	-15.00	0.00430	250.00	-17.00	0.00443

04/20/08

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:
PAGE 42

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
250.00	-20.00	0.00457	250.00	-25.00	0.00462
250.00	-30.00	0.00451	250.00	-40.00	0.00405
250.00	-50.00	0.00349	250.00	-60.00	0.00296
250.00	-70.00	0.00249	250.00	-80.00	0.00208
250.00	-90.00	0.00174	250.00	-100.00	0.00146

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**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
-250.00	100.00	0.00008	-250.00	90.00	0.00008
-250.00	80.00	0.00008	-250.00	70.00	0.00008
-250.00	60.00	0.00008	-250.00	50.00	0.00007
-250.00	40.00	0.00007	-250.00	30.00	0.00007
-250.00	25.00	0.00007	-250.00	20.00	0.00007
-250.00	17.00	0.00007	-250.00	15.00	0.00007
-250.00	13.00	0.00007	-250.00	11.00	0.00007
-250.00	9.00	0.00006	-250.00	-9.00	0.00006
-250.00	-11.00	0.00006	-250.00	-13.00	0.00006
-250.00	-15.00	0.00006	-250.00	-17.00	0.00006
-250.00	-20.00	0.00006	-250.00	-25.00	0.00005
-250.00	-30.00	0.00005	-250.00	-40.00	0.00005
-250.00	-50.00	0.00005	-250.00	-60.00	0.00004
-250.00	-70.00	0.00004	-250.00	-80.00	0.00004
-250.00	-90.00	0.00004	-250.00	-100.00	0.00004
-240.00	100.00	0.00008	-240.00	90.00	0.00008
-240.00	80.00	0.00008	-240.00	70.00	0.00008
-240.00	60.00	0.00008	-240.00	50.00	0.00008
-240.00	40.00	0.00008	-240.00	30.00	0.00008
-240.00	25.00	0.00007	-240.00	20.00	0.00007

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-240.00	17.00	0.00007	-240.00	15.00	0.00007
-240.00	13.00	0.00007	-240.00	11.00	0.00007
-240.00	9.00	0.00007	-240.00	-9.00	0.00006
-240.00	-11.00	0.00006	-240.00	-13.00	0.00006
-240.00	-15.00	0.00006	-240.00	-17.00	0.00006
-240.00	-20.00	0.00006	-240.00	-25.00	0.00006
-240.00	-30.00	0.00006	-240.00	-40.00	0.00005
-240.00	-50.00	0.00005	-240.00	-60.00	0.00005
-240.00	-70.00	0.00004	-240.00	-80.00	0.00004
-240.00	-90.00	0.00004	-240.00	-100.00	0.00004
-230.00	100.00	0.00008	-230.00	90.00	0.00009
-230.00	80.00	0.00009	-230.00	70.00	0.00009
-230.00	60.00	0.00009	-230.00	50.00	0.00008
-230.00	40.00	0.00008	-230.00	30.00	0.00008
-230.00	25.00	0.00008	-230.00	20.00	0.00008
-230.00	17.00	0.00008	-230.00	15.00	0.00007
-230.00	13.00	0.00007	-230.00	11.00	0.00007
-230.00	9.00	0.00007	-230.00	-9.00	0.00007
-230.00	-11.00	0.00007	-230.00	-13.00	0.00006
-230.00	-15.00	0.00006	-230.00	-17.00	0.00006

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
-230.00	-20.00	0.00006	-230.00	-25.00	0.00006
-230.00	-30.00	0.00006	-230.00	-40.00	0.00006
-230.00	-50.00	0.00005	-230.00	-60.00	0.00005
-230.00	-70.00	0.00005	-230.00	-80.00	0.00004
-230.00	-90.00	0.00004	-230.00	-100.00	0.00004
-220.00	100.00	0.00009	-220.00	90.00	0.00009
-220.00	80.00	0.00009	-220.00	70.00	0.00009
-220.00	60.00	0.00009	-220.00	50.00	0.00009
-220.00	40.00	0.00009	-220.00	30.00	0.00008
-220.00	25.00	0.00008	-220.00	20.00	0.00008
-220.00	17.00	0.00008	-220.00	15.00	0.00008
-220.00	13.00	0.00008	-220.00	11.00	0.00008
-220.00	9.00	0.00008	-220.00	-9.00	0.00007
-220.00	-11.00	0.00007	-220.00	-13.00	0.00007

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-220.00	-15.00	0.00007	-220.00	-17.00	0.00007
-220.00	-20.00	0.00007	-220.00	-25.00	0.00006
-220.00	-30.00	0.00006	-220.00	-40.00	0.00006
-220.00	-50.00	0.00005	-220.00	-60.00	0.00005
-220.00	-70.00	0.00005	-220.00	-80.00	0.00004
-220.00	-90.00	0.00004	-220.00	-100.00	0.00004
-210.00	100.00	0.00009	-210.00	90.00	0.00010
-210.00	80.00	0.00010	-210.00	70.00	0.00010
-210.00	60.00	0.00010	-210.00	50.00	0.00010
-210.00	40.00	0.00009	-210.00	30.00	0.00009
-210.00	25.00	0.00009	-210.00	20.00	0.00009
-210.00	17.00	0.00009	-210.00	15.00	0.00008
-210.00	13.00	0.00008	-210.00	11.00	0.00008
-210.00	9.00	0.00008	-210.00	-9.00	0.00007
-210.00	-11.00	0.00007	-210.00	-13.00	0.00007
-210.00	-15.00	0.00007	-210.00	-17.00	0.00007
-210.00	-20.00	0.00007	-210.00	-25.00	0.00007
-210.00	-30.00	0.00007	-210.00	-40.00	0.00006
-210.00	-50.00	0.00006	-210.00	-60.00	0.00005
-210.00	-70.00	0.00005	-210.00	-80.00	0.00005
-210.00	-90.00	0.00004	-210.00	-100.00	0.00004
-200.00	100.00	0.00010	-200.00	90.00	0.00010
-200.00	80.00	0.00010	-200.00	70.00	0.00010
-200.00	60.00	0.00010	-200.00	50.00	0.00010
-200.00	40.00	0.00010	-200.00	30.00	0.00010
-200.00	25.00	0.00009	-200.00	20.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTS:
 PAGE 45

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
-200.00	17.00	0.00009	-200.00	15.00	0.00009
-200.00	13.00	0.00009	-200.00	11.00	0.00009
-200.00	9.00	0.00009	-200.00	-9.00	0.00008
-200.00	-11.00	0.00008	-200.00	-13.00	0.00008
-200.00	-15.00	0.00008	-200.00	-17.00	0.00008
-200.00	-20.00	0.00007	-200.00	-25.00	0.00007
-200.00	-30.00	0.00007	-200.00	-40.00	0.00006
-200.00	-50.00	0.00006	-200.00	-60.00	0.00006

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

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

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTS:
 PAGE 46

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
-170.00	100.00	0.00012	-170.00	90.00	0.00012
-170.00	80.00	0.00012	-170.00	70.00	0.00013

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-170.00	60.00	0.00013	-170.00	50.00	0.00013
-170.00	40.00	0.00012	-170.00	30.00	0.00012
-170.00	25.00	0.00012	-170.00	20.00	0.00011
-170.00	17.00	0.00011	-170.00	15.00	0.00011
-170.00	13.00	0.00011	-170.00	11.00	0.00011
-170.00	9.00	0.00011	-170.00	-9.00	0.00010
-170.00	-11.00	0.00010	-170.00	-13.00	0.00009
-170.00	-15.00	0.00009	-170.00	-17.00	0.00009
-170.00	-20.00	0.00009	-170.00	-25.00	0.00009
-170.00	-30.00	0.00008	-170.00	-40.00	0.00008
-170.00	-50.00	0.00007	-170.00	-60.00	0.00006
-170.00	-70.00	0.00006	-170.00	-80.00	0.00006
-170.00	-90.00	0.00006	-170.00	-100.00	0.00005
-160.00	100.00	0.00013	-160.00	90.00	0.00013
-160.00	80.00	0.00013	-160.00	70.00	0.00014
-160.00	60.00	0.00014	-160.00	50.00	0.00014
-160.00	40.00	0.00013	-160.00	30.00	0.00013
-160.00	25.00	0.00013	-160.00	20.00	0.00012
-160.00	17.00	0.00012	-160.00	15.00	0.00012
-160.00	13.00	0.00012	-160.00	11.00	0.00012
-160.00	9.00	0.00012	-160.00	-9.00	0.00010
-160.00	-11.00	0.00010	-160.00	-13.00	0.00010
-160.00	-15.00	0.00010	-160.00	-17.00	0.00010
-160.00	-20.00	0.00010	-160.00	-25.00	0.00009
-160.00	-30.00	0.00009	-160.00	-40.00	0.00008
-160.00	-50.00	0.00007	-160.00	-60.00	0.00007
-160.00	-70.00	0.00006	-160.00	-80.00	0.00006
-160.00	-90.00	0.00006	-160.00	-100.00	0.00006
-150.00	100.00	0.00014	-150.00	90.00	0.00014
-150.00	80.00	0.00014	-150.00	70.00	0.00015
-150.00	60.00	0.00015	-150.00	50.00	0.00015
-150.00	40.00	0.00015	-150.00	30.00	0.00014
-150.00	25.00	0.00014	-150.00	20.00	0.00013
-150.00	17.00	0.00013	-150.00	15.00	0.00013
-150.00	13.00	0.00013	-150.00	11.00	0.00013
-150.00	9.00	0.00013	-150.00	-9.00	0.00011
-150.00	-11.00	0.00011	-150.00	-13.00	0.00011
-150.00	-15.00	0.00011	-150.00	-17.00	0.00010

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

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

08NCRA PL93-300_DPM_TRAV_ANN E-W Bound
 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	
-150.00	-20.00	0.00010	-150.00	-25.00	0.00010	
-150.00	-30.00	0.00009	-150.00	-40.00	0.00009	
-150.00	-50.00	0.00008	-150.00	-60.00	0.00007	
-150.00	-70.00	0.00007	-150.00	-80.00	0.00006	
-150.00	-90.00	0.00006	-150.00	-100.00	0.00006	
-140.00	100.00	0.00015	-140.00	90.00	0.00015	
-140.00	80.00	0.00016	-140.00	70.00	0.00016	
-140.00	60.00	0.00016	-140.00	50.00	0.00016	
-140.00	40.00	0.00016	-140.00	30.00	0.00015	
-140.00	25.00	0.00015	-140.00	20.00	0.00015	
-140.00	17.00	0.00014	-140.00	15.00	0.00014	
-140.00	13.00	0.00014	-140.00	11.00	0.00014	
-140.00	9.00	0.00014	-140.00	-9.00	0.00012	
-140.00	-11.00	0.00012	-140.00	-13.00	0.00012	
-140.00	-15.00	0.00011	-140.00	-17.00	0.00011	
-140.00	-20.00	0.00011	-140.00	-25.00	0.00011	
-140.00	-30.00	0.00010	-140.00	-40.00	0.00009	
-140.00	-50.00	0.00008	-140.00	-60.00	0.00008	
-140.00	-70.00	0.00007	-140.00	-80.00	0.00007	
-140.00	-90.00	0.00007	-140.00	-100.00	0.00007	
-130.00	100.00	0.00016	-130.00	90.00	0.00017	
-130.00	80.00	0.00017	-130.00	70.00	0.00017	
-130.00	60.00	0.00017	-130.00	50.00	0.00017	
-130.00	40.00	0.00017	-130.00	30.00	0.00017	
-130.00	25.00	0.00016	-130.00	20.00	0.00016	
-130.00	17.00	0.00016	-130.00	15.00	0.00016	
-130.00	13.00	0.00015	-130.00	11.00	0.00015	
-130.00	9.00	0.00015	-130.00	-9.00	0.00013	
-130.00	-11.00	0.00013	-130.00	-13.00	0.00013	
-130.00	-15.00	0.00012	-130.00	-17.00	0.00012	
-130.00	-20.00	0.00012	-130.00	-25.00	0.00011	
-130.00	-30.00	0.00011	-130.00	-40.00	0.00010	
-130.00	-50.00	0.00009	-130.00	-60.00	0.00008	
-130.00	-70.00	0.00008	-130.00	-80.00	0.00007	
-130.00	-90.00	0.00007	-130.00	-100.00	0.00007	
-120.00	100.00	0.00018	-120.00	90.00	0.00018	
-120.00	80.00	0.00018	-120.00	70.00	0.00019	
-120.00	60.00	0.00019	-120.00	50.00	0.00019	
-120.00	40.00	0.00019	-120.00	30.00	0.00018	
-120.00	25.00	0.00018	-120.00	20.00	0.00018	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

10:44:12

**MODELOPTS:

PAGE 48

*** Maximum train overlap at East/West Bound Direction

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
-120.00	17.00	0.00017	-120.00	15.00	0.00017
-120.00	13.00	0.00017	-120.00	11.00	0.00017
-120.00	9.00	0.00016	-120.00	-9.00	0.00014
-120.00	-11.00	0.00014	-120.00	-13.00	0.00014
-120.00	-15.00	0.00013	-120.00	-17.00	0.00013
-120.00	-20.00	0.00013	-120.00	-25.00	0.00012
-120.00	-30.00	0.00012	-120.00	-40.00	0.00010
-120.00	-50.00	0.00009	-120.00	-60.00	0.00009
-120.00	-70.00	0.00008	-120.00	-80.00	0.00008
-120.00	-90.00	0.00008	-120.00	-100.00	0.00008
-110.00	100.00	0.00019	-110.00	90.00	0.00020
-110.00	80.00	0.00020	-110.00	70.00	0.00020
-110.00	60.00	0.00021	-110.00	50.00	0.00021
-110.00	40.00	0.00021	-110.00	30.00	0.00020
-110.00	25.00	0.00020	-110.00	20.00	0.00019
-110.00	17.00	0.00019	-110.00	15.00	0.00019
-110.00	13.00	0.00019	-110.00	11.00	0.00018
-110.00	9.00	0.00018	-110.00	-9.00	0.00015
-110.00	-11.00	0.00015	-110.00	-13.00	0.00015
-110.00	-15.00	0.00015	-110.00	-17.00	0.00014
-110.00	-20.00	0.00014	-110.00	-25.00	0.00013
-110.00	-30.00	0.00012	-110.00	-40.00	0.00011
-110.00	-50.00	0.00010	-110.00	-60.00	0.00009
-110.00	-70.00	0.00009	-110.00	-80.00	0.00009
-110.00	-90.00	0.00008	-110.00	-100.00	0.00008
-100.00	100.00	0.00021	-100.00	90.00	0.00021
-100.00	80.00	0.00022	-100.00	70.00	0.00022
-100.00	60.00	0.00023	-100.00	50.00	0.00023
-100.00	40.00	0.00023	-100.00	30.00	0.00022
-100.00	25.00	0.00022	-100.00	20.00	0.00021
-100.00	17.00	0.00021	-100.00	15.00	0.00021
-100.00	13.00	0.00021	-100.00	11.00	0.00020
-100.00	9.00	0.00020	-100.00	-9.00	0.00017
-100.00	-11.00	0.00017	-100.00	-13.00	0.00016

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-100.00	-15.00	0.00016	-100.00	-17.00	0.00016
-100.00	-20.00	0.00015	-100.00	-25.00	0.00014
-100.00	-30.00	0.00013	-100.00	-40.00	0.00012
-100.00	-50.00	0.00011	-100.00	-60.00	0.00010
-100.00	-70.00	0.00010	-100.00	-80.00	0.00009
-100.00	-90.00	0.00009	-100.00	-100.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**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
-90.00	100.00	0.00022	-90.00	90.00	0.00023
-90.00	80.00	0.00024	-90.00	70.00	0.00025
-90.00	60.00	0.00025	-90.00	50.00	0.00025
-90.00	40.00	0.00025	-90.00	30.00	0.00025
-90.00	25.00	0.00025	-90.00	20.00	0.00024
-90.00	17.00	0.00024	-90.00	15.00	0.00023
-90.00	13.00	0.00023	-90.00	11.00	0.00022
-90.00	9.00	0.00022	-90.00	-9.00	0.00019
-90.00	-11.00	0.00018	-90.00	-13.00	0.00018
-90.00	-15.00	0.00017	-90.00	-17.00	0.00017
-90.00	-20.00	0.00016	-90.00	-25.00	0.00016
-90.00	-30.00	0.00015	-90.00	-40.00	0.00013
-90.00	-50.00	0.00012	-90.00	-60.00	0.00011
-90.00	-70.00	0.00011	-90.00	-80.00	0.00010
-90.00	-90.00	0.00010	-90.00	-100.00	0.00009
-80.00	100.00	0.00024	-80.00	90.00	0.00025
-80.00	80.00	0.00026	-80.00	70.00	0.00027
-80.00	60.00	0.00028	-80.00	50.00	0.00028
-80.00	40.00	0.00028	-80.00	30.00	0.00028
-80.00	25.00	0.00028	-80.00	20.00	0.00027
-80.00	17.00	0.00026	-80.00	15.00	0.00026
-80.00	13.00	0.00026	-80.00	11.00	0.00025
-80.00	9.00	0.00025	-80.00	-9.00	0.00021
-80.00	-11.00	0.00020	-80.00	-13.00	0.00020
-80.00	-15.00	0.00019	-80.00	-17.00	0.00019
-80.00	-20.00	0.00018	-80.00	-25.00	0.00017
-80.00	-30.00	0.00016	-80.00	-40.00	0.00014
-80.00	-50.00	0.00013	-80.00	-60.00	0.00012

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-80.00	-70.00	0.00012	-80.00	-80.00	0.00011
-80.00	-90.00	0.00010	-80.00	-100.00	0.00010
-70.00	100.00	0.00026	-70.00	90.00	0.00028
-70.00	80.00	0.00029	-70.00	70.00	0.00030
-70.00	60.00	0.00031	-70.00	50.00	0.00031
-70.00	40.00	0.00032	-70.00	30.00	0.00031
-70.00	25.00	0.00031	-70.00	20.00	0.00030
-70.00	17.00	0.00030	-70.00	15.00	0.00029
-70.00	13.00	0.00029	-70.00	11.00	0.00028
-70.00	9.00	0.00028	-70.00	-9.00	0.00023
-70.00	-11.00	0.00022	-70.00	-13.00	0.00022
-70.00	-15.00	0.00021	-70.00	-17.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

10:44:12

**MODELOPTs:

PAGE 50

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West 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
-70.00	-20.00	0.00020	-70.00	-25.00	0.00018
-70.00	-30.00	0.00017	-70.00	-40.00	0.00015
-70.00	-50.00	0.00014	-70.00	-60.00	0.00013
-70.00	-70.00	0.00013	-70.00	-80.00	0.00012
-70.00	-90.00	0.00011	-70.00	-100.00	0.00011
-60.00	100.00	0.00028	-60.00	90.00	0.00030
-60.00	80.00	0.00032	-60.00	70.00	0.00034
-60.00	60.00	0.00035	-60.00	50.00	0.00035
-60.00	40.00	0.00036	-60.00	30.00	0.00036
-60.00	25.00	0.00035	-60.00	20.00	0.00035
-60.00	17.00	0.00034	-60.00	15.00	0.00033
-60.00	13.00	0.00033	-60.00	11.00	0.00032
-60.00	9.00	0.00032	-60.00	-9.00	0.00026
-60.00	-11.00	0.00025	-60.00	-13.00	0.00024
-60.00	-15.00	0.00024	-60.00	-17.00	0.00023
-60.00	-20.00	0.00022	-60.00	-25.00	0.00020
-60.00	-30.00	0.00019	-60.00	-40.00	0.00017
-60.00	-50.00	0.00015	-60.00	-60.00	0.00015
-60.00	-70.00	0.00014	-60.00	-80.00	0.00013
-60.00	-90.00	0.00012	-60.00	-100.00	0.00011
-50.00	100.00	0.00030	-50.00	90.00	0.00032
-50.00	80.00	0.00035	-50.00	70.00	0.00037

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-50.00	60.00	0.00039	-50.00	50.00	0.00040
-50.00	40.00	0.00040	-50.00	30.00	0.00041
-50.00	25.00	0.00040	-50.00	20.00	0.00040
-50.00	17.00	0.00039	-50.00	15.00	0.00038
-50.00	13.00	0.00038	-50.00	11.00	0.00037
-50.00	9.00	0.00036	-50.00	-9.00	0.00029
-50.00	-11.00	0.00028	-50.00	-13.00	0.00027
-50.00	-15.00	0.00026	-50.00	-17.00	0.00025
-50.00	-20.00	0.00024	-50.00	-25.00	0.00022
-50.00	-30.00	0.00021	-50.00	-40.00	0.00018
-50.00	-50.00	0.00017	-50.00	-60.00	0.00016
-50.00	-70.00	0.00015	-50.00	-80.00	0.00014
-50.00	-90.00	0.00013	-50.00	-100.00	0.00012
-40.00	100.00	0.00032	-40.00	90.00	0.00035
-40.00	80.00	0.00038	-40.00	70.00	0.00041
-40.00	60.00	0.00044	-40.00	50.00	0.00046
-40.00	40.00	0.00046	-40.00	30.00	0.00047
-40.00	25.00	0.00047	-40.00	20.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 51

CONC URBAN FLAT FLGPOL DFAULT

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

*** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00045	-40.00	15.00	0.00044
-40.00	13.00	0.00044	-40.00	11.00	0.00043
-40.00	9.00	0.00042	-40.00	-9.00	0.00033
-40.00	-11.00	0.00032	-40.00	-13.00	0.00030
-40.00	-15.00	0.00029	-40.00	-17.00	0.00028
-40.00	-20.00	0.00027	-40.00	-25.00	0.00025
-40.00	-30.00	0.00023	-40.00	-40.00	0.00021
-40.00	-50.00	0.00019	-40.00	-60.00	0.00018
-40.00	-70.00	0.00017	-40.00	-80.00	0.00015
-40.00	-90.00	0.00014	-40.00	-100.00	0.00014
-30.00	100.00	0.00034	-30.00	90.00	0.00037
-30.00	80.00	0.00041	-30.00	70.00	0.00045
-30.00	60.00	0.00049	-30.00	50.00	0.00052
-30.00	40.00	0.00054	-30.00	30.00	0.00054
-30.00	25.00	0.00054	-30.00	20.00	0.00054
-30.00	17.00	0.00053	-30.00	15.00	0.00052

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-30.00	13.00	0.00051	-30.00	11.00	0.00050
-30.00	9.00	0.00049	-30.00	-9.00	0.00037
-30.00	-11.00	0.00036	-30.00	-13.00	0.00034
-30.00	-15.00	0.00033	-30.00	-17.00	0.00032
-30.00	-20.00	0.00030	-30.00	-25.00	0.00027
-30.00	-30.00	0.00026	-30.00	-40.00	0.00023
-30.00	-50.00	0.00021	-30.00	-60.00	0.00020
-30.00	-70.00	0.00018	-30.00	-80.00	0.00017
-30.00	-90.00	0.00016	-30.00	-100.00	0.00016
-20.00	100.00	0.00036	-20.00	90.00	0.00040
-20.00	80.00	0.00045	-20.00	70.00	0.00050
-20.00	60.00	0.00055	-20.00	50.00	0.00060
-20.00	40.00	0.00063	-20.00	30.00	0.00064
-20.00	25.00	0.00064	-20.00	20.00	0.00063
-20.00	17.00	0.00063	-20.00	15.00	0.00062
-20.00	13.00	0.00061	-20.00	11.00	0.00060
-20.00	9.00	0.00058	-20.00	-9.00	0.00043
-20.00	-11.00	0.00041	-20.00	-13.00	0.00039
-20.00	-15.00	0.00037	-20.00	-17.00	0.00036
-20.00	-20.00	0.00034	-20.00	-25.00	0.00031
-20.00	-30.00	0.00029	-20.00	-40.00	0.00026
-20.00	-50.00	0.00024	-20.00	-60.00	0.00022
-20.00	-70.00	0.00021	-20.00	-80.00	0.00020
-20.00	-90.00	0.00019	-20.00	-100.00	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 52
 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
-10.00	100.00	0.00037	-10.00	90.00	0.00042
-10.00	80.00	0.00048	-10.00	70.00	0.00055
-10.00	60.00	0.00062	-10.00	50.00	0.00068
-10.00	40.00	0.00073	-10.00	30.00	0.00076
-10.00	25.00	0.00076	-10.00	20.00	0.00076
-10.00	17.00	0.00075	-10.00	15.00	0.00074
-10.00	13.00	0.00073	-10.00	11.00	0.00072
-10.00	9.00	0.00070	-10.00	-9.00	0.00049
-10.00	-11.00	0.00047	-10.00	-13.00	0.00044
-10.00	-15.00	0.00042	-10.00	-17.00	0.00040

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-10.00	-20.00	0.00038	-10.00	-25.00	0.00035
-10.00	-30.00	0.00033	-10.00	-40.00	0.00030
-10.00	-50.00	0.00027	-10.00	-60.00	0.00025
-10.00	-70.00	0.00024	-10.00	-80.00	0.00023
-10.00	-90.00	0.00022	-10.00	-100.00	0.00021
0.00	100.00	0.00038	0.00	90.00	0.00044
0.00	80.00	0.00052	0.00	70.00	0.00060
0.00	60.00	0.00068	0.00	50.00	0.00077
0.00	40.00	0.00086	0.00	30.00	0.00091
0.00	25.00	0.00093	0.00	20.00	0.00092
0.00	17.00	0.00091	0.00	15.00	0.00091
0.00	13.00	0.00089	0.00	11.00	0.00088
0.00	9.00	0.00086	0.00	-9.00	0.00057
0.00	-11.00	0.00054	0.00	-13.00	0.00051
0.00	-15.00	0.00048	0.00	-17.00	0.00046
0.00	-20.00	0.00043	0.00	-25.00	0.00040
0.00	-30.00	0.00037	0.00	-40.00	0.00034
0.00	-50.00	0.00031	0.00	-60.00	0.00030
0.00	-70.00	0.00028	0.00	-80.00	0.00027
0.00	-90.00	0.00026	0.00	-100.00	0.00025
10.00	100.00	0.00039	10.00	90.00	0.00046
10.00	80.00	0.00054	10.00	70.00	0.00064
10.00	60.00	0.00075	10.00	50.00	0.00087
10.00	40.00	0.00099	10.00	30.00	0.00110
10.00	25.00	0.00113	10.00	20.00	0.00114
10.00	17.00	0.00114	10.00	15.00	0.00113
10.00	13.00	0.00111	10.00	11.00	0.00109
10.00	9.00	0.00107	10.00	-9.00	0.00065
10.00	-11.00	0.00061	10.00	-13.00	0.00058
10.00	-15.00	0.00055	10.00	-17.00	0.00053

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
10.00	-20.00	0.00050	10.00	-25.00	0.00046
10.00	-30.00	0.00043	10.00	-40.00	0.00039
10.00	-50.00	0.00037	10.00	-60.00	0.00036
10.00	-70.00	0.00034	10.00	-80.00	0.00032

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

10.00	-90.00	0.00030	10.00	-100.00	0.00028
20.00	100.00	0.00038	20.00	90.00	0.00046
20.00	80.00	0.00055	20.00	70.00	0.00066
20.00	60.00	0.00080	20.00	50.00	0.00096
20.00	40.00	0.00114	20.00	30.00	0.00131
20.00	25.00	0.00138	20.00	20.00	0.00143
20.00	17.00	0.00143	20.00	15.00	0.00143
20.00	13.00	0.00142	20.00	11.00	0.00139
20.00	9.00	0.00136	20.00	-9.00	0.00076
20.00	-11.00	0.00071	20.00	-13.00	0.00067
20.00	-15.00	0.00063	20.00	-17.00	0.00061
20.00	-20.00	0.00057	20.00	-25.00	0.00053
20.00	-30.00	0.00051	20.00	-40.00	0.00048
20.00	-50.00	0.00046	20.00	-60.00	0.00043
20.00	-70.00	0.00040	20.00	-80.00	0.00037
20.00	-90.00	0.00035	20.00	-100.00	0.00032
30.00	100.00	0.00037	30.00	90.00	0.00045
30.00	80.00	0.00054	30.00	70.00	0.00066
30.00	60.00	0.00082	30.00	50.00	0.00102
30.00	40.00	0.00126	30.00	30.00	0.00152
30.00	25.00	0.00166	30.00	20.00	0.00177
30.00	17.00	0.00181	30.00	15.00	0.00183
30.00	13.00	0.00183	30.00	11.00	0.00182
30.00	9.00	0.00178	30.00	-9.00	0.00087
30.00	-11.00	0.00081	30.00	-13.00	0.00077
30.00	-15.00	0.00073	30.00	-17.00	0.00071
30.00	-20.00	0.00068	30.00	-25.00	0.00066
30.00	-30.00	0.00064	30.00	-40.00	0.00060
30.00	-50.00	0.00056	30.00	-60.00	0.00052
30.00	-70.00	0.00048	30.00	-80.00	0.00044
30.00	-90.00	0.00041	30.00	-100.00	0.00037
40.00	100.00	0.00035	40.00	90.00	0.00043
40.00	80.00	0.00053	40.00	70.00	0.00065
40.00	60.00	0.00082	40.00	50.00	0.00103
40.00	40.00	0.00131	40.00	30.00	0.00165
40.00	25.00	0.00185	40.00	20.00	0.00206

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 54

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 ***

08NCRA PL93-300 DPM TRAV ANN E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00218	40.00	15.00	0.00225
40.00	13.00	0.00232	40.00	11.00	0.00238
40.00	9.00	0.00240	40.00	-9.00	0.00107
40.00	-11.00	0.00101	40.00	-13.00	0.00097
40.00	-15.00	0.00094	40.00	-17.00	0.00091
40.00	-20.00	0.00088	40.00	-25.00	0.00085
40.00	-30.00	0.00082	40.00	-40.00	0.00076
40.00	-50.00	0.00070	40.00	-60.00	0.00064
40.00	-70.00	0.00058	40.00	-80.00	0.00053
40.00	-90.00	0.00048	40.00	-100.00	0.00043
50.00	100.00	0.00033	50.00	90.00	0.00041
50.00	80.00	0.00050	50.00	70.00	0.00063
50.00	60.00	0.00079	50.00	50.00	0.00102
50.00	40.00	0.00131	50.00	30.00	0.00169
50.00	25.00	0.00192	50.00	20.00	0.00217
50.00	17.00	0.00232	50.00	15.00	0.00242
50.00	13.00	0.00253	50.00	11.00	0.00265
50.00	9.00	0.00277	50.00	-9.00	0.00195
50.00	-11.00	0.00170	50.00	-13.00	0.00154
50.00	-15.00	0.00144	50.00	-17.00	0.00136
50.00	-20.00	0.00128	50.00	-25.00	0.00118
50.00	-30.00	0.00111	50.00	-40.00	0.00100
50.00	-50.00	0.00089	50.00	-60.00	0.00079
50.00	-70.00	0.00070	50.00	-80.00	0.00063
50.00	-90.00	0.00056	50.00	-100.00	0.00050
60.00	100.00	0.00031	60.00	90.00	0.00038
60.00	80.00	0.00047	60.00	70.00	0.00059
60.00	60.00	0.00075	60.00	50.00	0.00098
60.00	40.00	0.00129	60.00	30.00	0.00170
60.00	25.00	0.00195	60.00	20.00	0.00223
60.00	17.00	0.00241	60.00	15.00	0.00254
60.00	13.00	0.00266	60.00	11.00	0.00280
60.00	9.00	0.00297	60.00	-9.00	0.00414
60.00	-11.00	0.00358	60.00	-13.00	0.00313
60.00	-15.00	0.00278	60.00	-17.00	0.00250
60.00	-20.00	0.00219	60.00	-25.00	0.00186
60.00	-30.00	0.00164	60.00	-40.00	0.00134
60.00	-50.00	0.00114	60.00	-60.00	0.00098
60.00	-70.00	0.00085	60.00	-80.00	0.00074
60.00	-90.00	0.00065	60.00	-100.00	0.00057

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**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
70.00	100.00	0.00028	70.00	90.00	0.00034
70.00	80.00	0.00043	70.00	70.00	0.00055
70.00	60.00	0.00070	70.00	50.00	0.00093
70.00	40.00	0.00124	70.00	30.00	0.00168
70.00	25.00	0.00194	70.00	20.00	0.00225
70.00	17.00	0.00245	70.00	15.00	0.00259
70.00	13.00	0.00275	70.00	11.00	0.00293
70.00	9.00	0.00315	70.00	-9.00	0.00576
70.00	-11.00	0.00524	70.00	-13.00	0.00478
70.00	-15.00	0.00436	70.00	-17.00	0.00399
70.00	-20.00	0.00350	70.00	-25.00	0.00287
70.00	-30.00	0.00242	70.00	-40.00	0.00185
70.00	-50.00	0.00149	70.00	-60.00	0.00123
70.00	-70.00	0.00103	70.00	-80.00	0.00088
70.00	-90.00	0.00075	70.00	-100.00	0.00065
80.00	100.00	0.00025	80.00	90.00	0.00031
80.00	80.00	0.00039	80.00	70.00	0.00049
80.00	60.00	0.00064	80.00	50.00	0.00086
80.00	40.00	0.00116	80.00	30.00	0.00160
80.00	25.00	0.00188	80.00	20.00	0.00221
80.00	17.00	0.00244	80.00	15.00	0.00261
80.00	13.00	0.00280	80.00	11.00	0.00301
80.00	9.00	0.00328	80.00	-9.00	0.00676
80.00	-11.00	0.00632	80.00	-13.00	0.00591
80.00	-15.00	0.00554	80.00	-17.00	0.00518
80.00	-20.00	0.00468	80.00	-25.00	0.00393
80.00	-30.00	0.00332	80.00	-40.00	0.00245
80.00	-50.00	0.00191	80.00	-60.00	0.00153
80.00	-70.00	0.00125	80.00	-80.00	0.00103
80.00	-90.00	0.00087	80.00	-100.00	0.00074
90.00	100.00	0.00022	90.00	90.00	0.00027
90.00	80.00	0.00034	90.00	70.00	0.00044
90.00	60.00	0.00057	90.00	50.00	0.00077
90.00	40.00	0.00105	90.00	30.00	0.00148
90.00	25.00	0.00177	90.00	20.00	0.00213
90.00	17.00	0.00238	90.00	15.00	0.00257

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

90.00	13.00	0.00278	90.00	11.00	0.00302
90.00	9.00	0.00332	90.00	-9.00	0.00740
90.00	-11.00	0.00701	90.00	-13.00	0.00665
90.00	-15.00	0.00631	90.00	-17.00	0.00599

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 56
 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
90.00	-20.00	0.00552	90.00	-25.00	0.00479
90.00	-30.00	0.00413	90.00	-40.00	0.00309
90.00	-50.00	0.00236	90.00	-60.00	0.00184
90.00	-70.00	0.00148	90.00	-80.00	0.00120
90.00	-90.00	0.00100	90.00	-100.00	0.00084
100.00	100.00	0.00020	100.00	90.00	0.00024
100.00	80.00	0.00030	100.00	70.00	0.00038
100.00	60.00	0.00049	100.00	50.00	0.00066
100.00	40.00	0.00092	100.00	30.00	0.00132
100.00	25.00	0.00161	100.00	20.00	0.00198
100.00	17.00	0.00224	100.00	15.00	0.00245
100.00	13.00	0.00267	100.00	11.00	0.00294
100.00	9.00	0.00327	100.00	-9.00	0.00782
100.00	-11.00	0.00745	100.00	-13.00	0.00713
100.00	-15.00	0.00683	100.00	-17.00	0.00653
100.00	-20.00	0.00610	100.00	-25.00	0.00541
100.00	-30.00	0.00477	100.00	-40.00	0.00365
100.00	-50.00	0.00279	100.00	-60.00	0.00216
100.00	-70.00	0.00171	100.00	-80.00	0.00138
100.00	-90.00	0.00114	100.00	-100.00	0.00095
110.00	100.00	0.00018	110.00	90.00	0.00022
110.00	80.00	0.00027	110.00	70.00	0.00033
110.00	60.00	0.00042	110.00	50.00	0.00055
110.00	40.00	0.00076	110.00	30.00	0.00112
110.00	25.00	0.00139	110.00	20.00	0.00174
110.00	17.00	0.00201	110.00	15.00	0.00222
110.00	13.00	0.00246	110.00	11.00	0.00274
110.00	9.00	0.00310	110.00	-9.00	0.00809
110.00	-11.00	0.00773	110.00	-13.00	0.00744
110.00	-15.00	0.00716	110.00	-17.00	0.00689

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

110.00	-20.00	0.00648	110.00	-25.00	0.00583
110.00	-30.00	0.00521	110.00	-40.00	0.00408
110.00	-50.00	0.00316	110.00	-60.00	0.00246
110.00	-70.00	0.00194	110.00	-80.00	0.00156
110.00	-90.00	0.00128	110.00	-100.00	0.00106
120.00	100.00	0.00017	120.00	90.00	0.00020
120.00	80.00	0.00024	120.00	70.00	0.00029
120.00	60.00	0.00036	120.00	50.00	0.00047
120.00	40.00	0.00063	120.00	30.00	0.00090
120.00	25.00	0.00112	120.00	20.00	0.00143

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 57

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
120.00	17.00	0.00167	120.00	15.00	0.00187
120.00	13.00	0.00210	120.00	11.00	0.00239
120.00	9.00	0.00275	120.00	-9.00	0.00823
120.00	-11.00	0.00790	120.00	-13.00	0.00762
120.00	-15.00	0.00736	120.00	-17.00	0.00710
120.00	-20.00	0.00671	120.00	-25.00	0.00607
120.00	-30.00	0.00547	120.00	-40.00	0.00437
120.00	-50.00	0.00345	120.00	-60.00	0.00271
120.00	-70.00	0.00215	120.00	-80.00	0.00173
120.00	-90.00	0.00141	120.00	-100.00	0.00117
130.00	100.00	0.00016	130.00	90.00	0.00019
130.00	80.00	0.00022	130.00	70.00	0.00026
130.00	60.00	0.00032	130.00	50.00	0.00041
130.00	40.00	0.00054	130.00	30.00	0.00076
130.00	25.00	0.00092	130.00	20.00	0.00114
130.00	17.00	0.00132	130.00	15.00	0.00147
130.00	13.00	0.00165	130.00	11.00	0.00188
130.00	9.00	0.00220	130.00	-9.00	0.00824
130.00	-11.00	0.00792	130.00	-13.00	0.00762
130.00	-15.00	0.00738	130.00	-17.00	0.00713
130.00	-20.00	0.00676	130.00	-25.00	0.00616
130.00	-30.00	0.00559	130.00	-40.00	0.00454
130.00	-50.00	0.00364	130.00	-60.00	0.00290
130.00	-70.00	0.00232	130.00	-80.00	0.00187

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

130.00	-90.00	0.00153	130.00	-100.00	0.00126
140.00	100.00	0.00015	140.00	90.00	0.00017
140.00	80.00	0.00020	140.00	70.00	0.00024
140.00	60.00	0.00030	140.00	50.00	0.00037
140.00	40.00	0.00049	140.00	30.00	0.00068
140.00	25.00	0.00082	140.00	20.00	0.00101
140.00	17.00	0.00116	140.00	15.00	0.00129
140.00	13.00	0.00144	140.00	11.00	0.00163
140.00	9.00	0.00187	140.00	-9.00	0.00744
140.00	-11.00	0.00739	140.00	-13.00	0.00723
140.00	-15.00	0.00704	140.00	-17.00	0.00686
140.00	-20.00	0.00656	140.00	-25.00	0.00604
140.00	-30.00	0.00552	140.00	-40.00	0.00456
140.00	-50.00	0.00372	140.00	-60.00	0.00301
140.00	-70.00	0.00244	140.00	-80.00	0.00198
140.00	-90.00	0.00162	140.00	-100.00	0.00135

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 58

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
150.00	100.00	0.00014	150.00	90.00	0.00016
150.00	80.00	0.00019	150.00	70.00	0.00022
150.00	60.00	0.00027	150.00	50.00	0.00034
150.00	40.00	0.00045	150.00	30.00	0.00061
150.00	25.00	0.00073	150.00	20.00	0.00090
150.00	17.00	0.00103	150.00	15.00	0.00115
150.00	13.00	0.00128	150.00	11.00	0.00145
150.00	9.00	0.00166	150.00	-9.00	0.00528
150.00	-11.00	0.00555	150.00	-13.00	0.00573
150.00	-15.00	0.00583	150.00	-17.00	0.00585
150.00	-20.00	0.00579	150.00	-25.00	0.00553
150.00	-30.00	0.00517	150.00	-40.00	0.00440
150.00	-50.00	0.00368	150.00	-60.00	0.00304
150.00	-70.00	0.00250	150.00	-80.00	0.00206
150.00	-90.00	0.00170	150.00	-100.00	0.00141
160.00	100.00	0.00013	160.00	90.00	0.00015
160.00	80.00	0.00017	160.00	70.00	0.00021
160.00	60.00	0.00025	160.00	50.00	0.00032

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

160.00	40.00	0.00041	160.00	30.00	0.00055
160.00	25.00	0.00066	160.00	20.00	0.00081
160.00	17.00	0.00093	160.00	15.00	0.00103
160.00	13.00	0.00114	160.00	11.00	0.00127
160.00	9.00	0.00143	160.00	-9.00	0.00371
160.00	-11.00	0.00393	160.00	-13.00	0.00413
160.00	-15.00	0.00430	160.00	-17.00	0.00443
160.00	-20.00	0.00457	160.00	-25.00	0.00462
160.00	-30.00	0.00451	160.00	-40.00	0.00405
160.00	-50.00	0.00349	160.00	-60.00	0.00296
160.00	-70.00	0.00249	160.00	-80.00	0.00208
160.00	-90.00	0.00174	160.00	-100.00	0.00146
170.00	100.00	0.00012	170.00	90.00	0.00014
170.00	80.00	0.00016	170.00	70.00	0.00019
170.00	60.00	0.00023	170.00	50.00	0.00029
170.00	40.00	0.00037	170.00	30.00	0.00051
170.00	25.00	0.00060	170.00	20.00	0.00073
170.00	17.00	0.00083	170.00	15.00	0.00091
170.00	13.00	0.00100	170.00	11.00	0.00110
170.00	9.00	0.00121	170.00	-9.00	0.00272
170.00	-11.00	0.00288	170.00	-13.00	0.00303
170.00	-15.00	0.00317	170.00	-17.00	0.00329

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
170.00	-20.00	0.00345	170.00	-25.00	0.00363
170.00	-30.00	0.00370	170.00	-40.00	0.00355
170.00	-50.00	0.00320	170.00	-60.00	0.00280
170.00	-70.00	0.00241	170.00	-80.00	0.00205
170.00	-90.00	0.00174	170.00	-100.00	0.00148
180.00	100.00	0.00011	180.00	90.00	0.00013
180.00	80.00	0.00015	180.00	70.00	0.00018
180.00	60.00	0.00022	180.00	50.00	0.00027
180.00	40.00	0.00035	180.00	30.00	0.00047
180.00	25.00	0.00055	180.00	20.00	0.00066
180.00	17.00	0.00074	180.00	15.00	0.00080
180.00	13.00	0.00086	180.00	11.00	0.00094

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

180.00	9.00	0.00103	180.00	-9.00	0.00207
180.00	-11.00	0.00219	180.00	-13.00	0.00230
180.00	-15.00	0.00240	180.00	-17.00	0.00250
180.00	-20.00	0.00263	180.00	-25.00	0.00281
180.00	-30.00	0.00294	180.00	-40.00	0.00300
180.00	-50.00	0.00284	180.00	-60.00	0.00257
180.00	-70.00	0.00227	180.00	-80.00	0.00198
180.00	-90.00	0.00171	180.00	-100.00	0.00148
190.00	100.00	0.00011	190.00	90.00	0.00012
190.00	80.00	0.00014	190.00	70.00	0.00017
190.00	60.00	0.00020	190.00	50.00	0.00025
190.00	40.00	0.00032	190.00	30.00	0.00043
190.00	25.00	0.00050	190.00	20.00	0.00059
190.00	17.00	0.00065	190.00	15.00	0.00070
190.00	13.00	0.00075	190.00	11.00	0.00081
190.00	9.00	0.00088	190.00	-9.00	0.00163
190.00	-11.00	0.00172	190.00	-13.00	0.00180
190.00	-15.00	0.00187	190.00	-17.00	0.00195
190.00	-20.00	0.00205	190.00	-25.00	0.00221
190.00	-30.00	0.00233	190.00	-40.00	0.00247
190.00	-50.00	0.00245	190.00	-60.00	0.00231
190.00	-70.00	0.00210	190.00	-80.00	0.00188
190.00	-90.00	0.00165	190.00	-100.00	0.00145
200.00	100.00	0.00010	200.00	90.00	0.00011
200.00	80.00	0.00013	200.00	70.00	0.00016
200.00	60.00	0.00019	200.00	50.00	0.00024
200.00	40.00	0.00030	200.00	30.00	0.00039
200.00	25.00	0.00045	200.00	20.00	0.00052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 60

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
200.00	17.00	0.00058	200.00	15.00	0.00062
200.00	13.00	0.00066	200.00	11.00	0.00070
200.00	9.00	0.00075	200.00	-9.00	0.00131
200.00	-11.00	0.00138	200.00	-13.00	0.00144
200.00	-15.00	0.00150	200.00	-17.00	0.00156
200.00	-20.00	0.00164	200.00	-25.00	0.00176

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

200.00	-30.00	0.00187	200.00	-40.00	0.00203
200.00	-50.00	0.00208	200.00	-60.00	0.00203
200.00	-70.00	0.00191	200.00	-80.00	0.00175
200.00	-90.00	0.00157	200.00	-100.00	0.00140
210.00	100.00	0.00009	210.00	90.00	0.00011
210.00	80.00	0.00012	210.00	70.00	0.00015
210.00	60.00	0.00018	210.00	50.00	0.00022
210.00	40.00	0.00028	210.00	30.00	0.00036
210.00	25.00	0.00041	210.00	20.00	0.00047
210.00	17.00	0.00051	210.00	15.00	0.00054
210.00	13.00	0.00058	210.00	11.00	0.00062
210.00	9.00	0.00065	210.00	-9.00	0.00108
210.00	-11.00	0.00113	210.00	-13.00	0.00118
210.00	-15.00	0.00123	210.00	-17.00	0.00127
210.00	-20.00	0.00134	210.00	-25.00	0.00144
210.00	-30.00	0.00152	210.00	-40.00	0.00167
210.00	-50.00	0.00175	210.00	-60.00	0.00176
210.00	-70.00	0.00171	210.00	-80.00	0.00160
210.00	-90.00	0.00147	210.00	-100.00	0.00133
220.00	100.00	0.00009	220.00	90.00	0.00010
220.00	80.00	0.00012	220.00	70.00	0.00014
220.00	60.00	0.00017	220.00	50.00	0.00021
220.00	40.00	0.00026	220.00	30.00	0.00033
220.00	25.00	0.00037	220.00	20.00	0.00042
220.00	17.00	0.00046	220.00	15.00	0.00048
220.00	13.00	0.00051	220.00	11.00	0.00054
220.00	9.00	0.00057	220.00	-9.00	0.00091
220.00	-11.00	0.00095	220.00	-13.00	0.00098
220.00	-15.00	0.00102	220.00	-17.00	0.00106
220.00	-20.00	0.00111	220.00	-25.00	0.00119
220.00	-30.00	0.00126	220.00	-40.00	0.00139
220.00	-50.00	0.00148	220.00	-60.00	0.00152
220.00	-70.00	0.00151	220.00	-80.00	0.00145
220.00	-90.00	0.00136	220.00	-100.00	0.00125

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 61

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
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08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

230.00	100.00	0.00008	230.00	90.00	0.00010
230.00	80.00	0.00011	230.00	70.00	0.00014
230.00	60.00	0.00016	230.00	50.00	0.00020
230.00	40.00	0.00024	230.00	30.00	0.00030
230.00	25.00	0.00034	230.00	20.00	0.00038
230.00	17.00	0.00041	230.00	15.00	0.00043
230.00	13.00	0.00045	230.00	11.00	0.00048
230.00	9.00	0.00050	230.00	-9.00	0.00077
230.00	-11.00	0.00080	230.00	-13.00	0.00083
230.00	-15.00	0.00086	230.00	-17.00	0.00089
230.00	-20.00	0.00094	230.00	-25.00	0.00100
230.00	-30.00	0.00106	230.00	-40.00	0.00117
230.00	-50.00	0.00125	230.00	-60.00	0.00131
230.00	-70.00	0.00132	230.00	-80.00	0.00130
230.00	-90.00	0.00124	230.00	-100.00	0.00117
240.00	100.00	0.00008	240.00	90.00	0.00009
240.00	80.00	0.00011	240.00	70.00	0.00013
240.00	60.00	0.00016	240.00	50.00	0.00019
240.00	40.00	0.00022	240.00	30.00	0.00027
240.00	25.00	0.00031	240.00	20.00	0.00034
240.00	17.00	0.00037	240.00	15.00	0.00039
240.00	13.00	0.00041	240.00	11.00	0.00043
240.00	9.00	0.00045	240.00	-9.00	0.00066
240.00	-11.00	0.00069	240.00	-13.00	0.00071
240.00	-15.00	0.00074	240.00	-17.00	0.00076
240.00	-20.00	0.00080	240.00	-25.00	0.00085
240.00	-30.00	0.00090	240.00	-40.00	0.00100
240.00	-50.00	0.00107	240.00	-60.00	0.00113
240.00	-70.00	0.00116	240.00	-80.00	0.00116
240.00	-90.00	0.00113	240.00	-100.00	0.00108
250.00	100.00	0.00008	250.00	90.00	0.00009
250.00	80.00	0.00011	250.00	70.00	0.00013
250.00	60.00	0.00015	250.00	50.00	0.00017
250.00	40.00	0.00021	250.00	30.00	0.00025
250.00	25.00	0.00028	250.00	20.00	0.00031
250.00	17.00	0.00033	250.00	15.00	0.00035
250.00	13.00	0.00037	250.00	11.00	0.00038
250.00	9.00	0.00040	250.00	-9.00	0.00058
250.00	-11.00	0.00060	250.00	-13.00	0.00062
250.00	-15.00	0.00064	250.00	-17.00	0.00066

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12
**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
250.00	-20.00	0.00069	250.00	-25.00	0.00074
250.00	-30.00	0.00078	250.00	-40.00	0.00086
250.00	-50.00	0.00092	250.00	-60.00	0.00098
250.00	-70.00	0.00101	250.00	-80.00	0.00103
250.00	-90.00	0.00102	250.00	-100.00	0.00099

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
-250.00	100.00	0.00013	-250.00	90.00	0.00013
-250.00	80.00	0.00013	-250.00	70.00	0.00014
-250.00	60.00	0.00014	-250.00	50.00	0.00014
-250.00	40.00	0.00013	-250.00	30.00	0.00013
-250.00	25.00	0.00013	-250.00	20.00	0.00012
-250.00	17.00	0.00012	-250.00	15.00	0.00012
-250.00	13.00	0.00012	-250.00	11.00	0.00012
-250.00	9.00	0.00012	-250.00	-9.00	0.00010
-250.00	-11.00	0.00010	-250.00	-13.00	0.00010
-250.00	-15.00	0.00010	-250.00	-17.00	0.00010
-250.00	-20.00	0.00010	-250.00	-25.00	0.00009
-250.00	-30.00	0.00009	-250.00	-40.00	0.00008
-250.00	-50.00	0.00007	-250.00	-60.00	0.00007
-250.00	-70.00	0.00006	-250.00	-80.00	0.00006
-250.00	-90.00	0.00006	-250.00	-100.00	0.00006
-240.00	100.00	0.00014	-240.00	90.00	0.00014
-240.00	80.00	0.00014	-240.00	70.00	0.00015
-240.00	60.00	0.00015	-240.00	50.00	0.00015
-240.00	40.00	0.00015	-240.00	30.00	0.00014
-240.00	25.00	0.00014	-240.00	20.00	0.00013
-240.00	17.00	0.00013	-240.00	15.00	0.00013
-240.00	13.00	0.00013	-240.00	11.00	0.00013
-240.00	9.00	0.00013	-240.00	-9.00	0.00011

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-240.00	-11.00	0.00011	-240.00	-13.00	0.00011
-240.00	-15.00	0.00011	-240.00	-17.00	0.00010
-240.00	-20.00	0.00010	-240.00	-25.00	0.00010
-240.00	-30.00	0.00009	-240.00	-40.00	0.00009
-240.00	-50.00	0.00008	-240.00	-60.00	0.00007
-240.00	-70.00	0.00007	-240.00	-80.00	0.00006
-240.00	-90.00	0.00006	-240.00	-100.00	0.00006
-230.00	100.00	0.00015	-230.00	90.00	0.00015
-230.00	80.00	0.00016	-230.00	70.00	0.00016
-230.00	60.00	0.00016	-230.00	50.00	0.00016
-230.00	40.00	0.00016	-230.00	30.00	0.00015
-230.00	25.00	0.00015	-230.00	20.00	0.00015
-230.00	17.00	0.00014	-230.00	15.00	0.00014
-230.00	13.00	0.00014	-230.00	11.00	0.00014
-230.00	9.00	0.00014	-230.00	-9.00	0.00012
-230.00	-11.00	0.00012	-230.00	-13.00	0.00012
-230.00	-15.00	0.00011	-230.00	-17.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**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
-230.00	-20.00	0.00011	-230.00	-25.00	0.00011
-230.00	-30.00	0.00010	-230.00	-40.00	0.00009
-230.00	-50.00	0.00008	-230.00	-60.00	0.00008
-230.00	-70.00	0.00007	-230.00	-80.00	0.00007
-230.00	-90.00	0.00007	-230.00	-100.00	0.00007
-220.00	100.00	0.00016	-220.00	90.00	0.00017
-220.00	80.00	0.00017	-220.00	70.00	0.00017
-220.00	60.00	0.00017	-220.00	50.00	0.00017
-220.00	40.00	0.00017	-220.00	30.00	0.00017
-220.00	25.00	0.00016	-220.00	20.00	0.00016
-220.00	17.00	0.00016	-220.00	15.00	0.00016
-220.00	13.00	0.00015	-220.00	11.00	0.00015
-220.00	9.00	0.00015	-220.00	-9.00	0.00013
-220.00	-11.00	0.00013	-220.00	-13.00	0.00013
-220.00	-15.00	0.00012	-220.00	-17.00	0.00012
-220.00	-20.00	0.00012	-220.00	-25.00	0.00011
-220.00	-30.00	0.00011	-220.00	-40.00	0.00010

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-190.00	80.00	0.00022	-190.00	70.00	0.00022
-190.00	60.00	0.00023	-190.00	50.00	0.00023
-190.00	40.00	0.00023	-190.00	30.00	0.00022
-190.00	25.00	0.00022	-190.00	20.00	0.00021
-190.00	17.00	0.00021	-190.00	15.00	0.00021
-190.00	13.00	0.00021	-190.00	11.00	0.00020
-190.00	9.00	0.00020	-190.00	-9.00	0.00017
-190.00	-11.00	0.00017	-190.00	-13.00	0.00016
-190.00	-15.00	0.00016	-190.00	-17.00	0.00016
-190.00	-20.00	0.00015	-190.00	-25.00	0.00014
-190.00	-30.00	0.00013	-190.00	-40.00	0.00012
-190.00	-50.00	0.00011	-190.00	-60.00	0.00010
-190.00	-70.00	0.00010	-190.00	-80.00	0.00009
-190.00	-90.00	0.00009	-190.00	-100.00	0.00009
-180.00	100.00	0.00022	-180.00	90.00	0.00023
-180.00	80.00	0.00024	-180.00	70.00	0.00025
-180.00	60.00	0.00025	-180.00	50.00	0.00025
-180.00	40.00	0.00025	-180.00	30.00	0.00025
-180.00	25.00	0.00025	-180.00	20.00	0.00024
-180.00	17.00	0.00024	-180.00	15.00	0.00023
-180.00	13.00	0.00023	-180.00	11.00	0.00022
-180.00	9.00	0.00022	-180.00	-9.00	0.00019
-180.00	-11.00	0.00018	-180.00	-13.00	0.00018
-180.00	-15.00	0.00017	-180.00	-17.00	0.00017
-180.00	-20.00	0.00016	-180.00	-25.00	0.00016
-180.00	-30.00	0.00015	-180.00	-40.00	0.00013
-180.00	-50.00	0.00012	-180.00	-60.00	0.00011
-180.00	-70.00	0.00011	-180.00	-80.00	0.00010
-180.00	-90.00	0.00010	-180.00	-100.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
-170.00	100.00	0.00024	-170.00	90.00	0.00025
-170.00	80.00	0.00026	-170.00	70.00	0.00027
-170.00	60.00	0.00028	-170.00	50.00	0.00028
-170.00	40.00	0.00028	-170.00	30.00	0.00028
-170.00	25.00	0.00028	-170.00	20.00	0.00027

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-170.00	17.00	0.00026	-170.00	15.00	0.00026
-170.00	13.00	0.00026	-170.00	11.00	0.00025
-170.00	9.00	0.00025	-170.00	-9.00	0.00021
-170.00	-11.00	0.00020	-170.00	-13.00	0.00020
-170.00	-15.00	0.00019	-170.00	-17.00	0.00019
-170.00	-20.00	0.00018	-170.00	-25.00	0.00017
-170.00	-30.00	0.00016	-170.00	-40.00	0.00014
-170.00	-50.00	0.00013	-170.00	-60.00	0.00012
-170.00	-70.00	0.00012	-170.00	-80.00	0.00011
-170.00	-90.00	0.00010	-170.00	-100.00	0.00010
-160.00	100.00	0.00026	-160.00	90.00	0.00028
-160.00	80.00	0.00029	-160.00	70.00	0.00030
-160.00	60.00	0.00031	-160.00	50.00	0.00031
-160.00	40.00	0.00032	-160.00	30.00	0.00031
-160.00	25.00	0.00031	-160.00	20.00	0.00030
-160.00	17.00	0.00030	-160.00	15.00	0.00029
-160.00	13.00	0.00029	-160.00	11.00	0.00028
-160.00	9.00	0.00028	-160.00	-9.00	0.00023
-160.00	-11.00	0.00022	-160.00	-13.00	0.00022
-160.00	-15.00	0.00021	-160.00	-17.00	0.00021
-160.00	-20.00	0.00020	-160.00	-25.00	0.00018
-160.00	-30.00	0.00017	-160.00	-40.00	0.00015
-160.00	-50.00	0.00014	-160.00	-60.00	0.00013
-160.00	-70.00	0.00013	-160.00	-80.00	0.00012
-160.00	-90.00	0.00011	-160.00	-100.00	0.00011
-150.00	100.00	0.00028	-150.00	90.00	0.00030
-150.00	80.00	0.00032	-150.00	70.00	0.00034
-150.00	60.00	0.00035	-150.00	50.00	0.00035
-150.00	40.00	0.00036	-150.00	30.00	0.00036
-150.00	25.00	0.00035	-150.00	20.00	0.00035
-150.00	17.00	0.00034	-150.00	15.00	0.00033
-150.00	13.00	0.00033	-150.00	11.00	0.00032
-150.00	9.00	0.00032	-150.00	-9.00	0.00026
-150.00	-11.00	0.00025	-150.00	-13.00	0.00024
-150.00	-15.00	0.00024	-150.00	-17.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 10:44:12
 **MODELOPTs:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00022	-150.00	-25.00	0.00020
-150.00	-30.00	0.00019	-150.00	-40.00	0.00017
-150.00	-50.00	0.00015	-150.00	-60.00	0.00015
-150.00	-70.00	0.00014	-150.00	-80.00	0.00013
-150.00	-90.00	0.00012	-150.00	-100.00	0.00011
-140.00	100.00	0.00030	-140.00	90.00	0.00032
-140.00	80.00	0.00035	-140.00	70.00	0.00037
-140.00	60.00	0.00039	-140.00	50.00	0.00040
-140.00	40.00	0.00040	-140.00	30.00	0.00041
-140.00	25.00	0.00040	-140.00	20.00	0.00040
-140.00	17.00	0.00039	-140.00	15.00	0.00038
-140.00	13.00	0.00038	-140.00	11.00	0.00037
-140.00	9.00	0.00036	-140.00	-9.00	0.00029
-140.00	-11.00	0.00028	-140.00	-13.00	0.00027
-140.00	-15.00	0.00026	-140.00	-17.00	0.00025
-140.00	-20.00	0.00024	-140.00	-25.00	0.00022
-140.00	-30.00	0.00021	-140.00	-40.00	0.00018
-140.00	-50.00	0.00017	-140.00	-60.00	0.00016
-140.00	-70.00	0.00015	-140.00	-80.00	0.00014
-140.00	-90.00	0.00013	-140.00	-100.00	0.00012
-130.00	100.00	0.00032	-130.00	90.00	0.00035
-130.00	80.00	0.00038	-130.00	70.00	0.00041
-130.00	60.00	0.00044	-130.00	50.00	0.00046
-130.00	40.00	0.00046	-130.00	30.00	0.00047
-130.00	25.00	0.00047	-130.00	20.00	0.00046
-130.00	17.00	0.00045	-130.00	15.00	0.00044
-130.00	13.00	0.00044	-130.00	11.00	0.00043
-130.00	9.00	0.00042	-130.00	-9.00	0.00033
-130.00	-11.00	0.00032	-130.00	-13.00	0.00030
-130.00	-15.00	0.00029	-130.00	-17.00	0.00028
-130.00	-20.00	0.00027	-130.00	-25.00	0.00025
-130.00	-30.00	0.00023	-130.00	-40.00	0.00021
-130.00	-50.00	0.00019	-130.00	-60.00	0.00018
-130.00	-70.00	0.00017	-130.00	-80.00	0.00015
-130.00	-90.00	0.00014	-130.00	-100.00	0.00014
-120.00	100.00	0.00034	-120.00	90.00	0.00037
-120.00	80.00	0.00041	-120.00	70.00	0.00045
-120.00	60.00	0.00049	-120.00	50.00	0.00052
-120.00	40.00	0.00054	-120.00	30.00	0.00054
-120.00	25.00	0.00054	-120.00	20.00	0.00054

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:

*** 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
-120.00	17.00	0.00053	-120.00	15.00	0.00052
-120.00	13.00	0.00051	-120.00	11.00	0.00050
-120.00	9.00	0.00049	-120.00	-9.00	0.00037
-120.00	-11.00	0.00036	-120.00	-13.00	0.00034
-120.00	-15.00	0.00033	-120.00	-17.00	0.00032
-120.00	-20.00	0.00030	-120.00	-25.00	0.00027
-120.00	-30.00	0.00026	-120.00	-40.00	0.00023
-120.00	-50.00	0.00021	-120.00	-60.00	0.00020
-120.00	-70.00	0.00018	-120.00	-80.00	0.00017
-120.00	-90.00	0.00016	-120.00	-100.00	0.00016
-110.00	100.00	0.00036	-110.00	90.00	0.00040
-110.00	80.00	0.00045	-110.00	70.00	0.00050
-110.00	60.00	0.00055	-110.00	50.00	0.00060
-110.00	40.00	0.00063	-110.00	30.00	0.00064
-110.00	25.00	0.00064	-110.00	20.00	0.00063
-110.00	17.00	0.00063	-110.00	15.00	0.00062
-110.00	13.00	0.00061	-110.00	11.00	0.00060
-110.00	9.00	0.00058	-110.00	-9.00	0.00043
-110.00	-11.00	0.00041	-110.00	-13.00	0.00039
-110.00	-15.00	0.00037	-110.00	-17.00	0.00036
-110.00	-20.00	0.00034	-110.00	-25.00	0.00031
-110.00	-30.00	0.00029	-110.00	-40.00	0.00026
-110.00	-50.00	0.00024	-110.00	-60.00	0.00022
-110.00	-70.00	0.00021	-110.00	-80.00	0.00020
-110.00	-90.00	0.00019	-110.00	-100.00	0.00018
-100.00	100.00	0.00037	-100.00	90.00	0.00042
-100.00	80.00	0.00048	-100.00	70.00	0.00055
-100.00	60.00	0.00062	-100.00	50.00	0.00068
-100.00	40.00	0.00073	-100.00	30.00	0.00076
-100.00	25.00	0.00076	-100.00	20.00	0.00076
-100.00	17.00	0.00075	-100.00	15.00	0.00074
-100.00	13.00	0.00073	-100.00	11.00	0.00072
-100.00	9.00	0.00070	-100.00	-9.00	0.00049
-100.00	-11.00	0.00047	-100.00	-13.00	0.00044
-100.00	-15.00	0.00042	-100.00	-17.00	0.00040
-100.00	-20.00	0.00038	-100.00	-25.00	0.00035
-100.00	-30.00	0.00033	-100.00	-40.00	0.00030

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-100.00	-50.00	0.00027	-100.00	-60.00	0.00025
-100.00	-70.00	0.00024	-100.00	-80.00	0.00023
-100.00	-90.00	0.00022	-100.00	-100.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 69

CONC

URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00038	-90.00	90.00	0.00044
-90.00	80.00	0.00052	-90.00	70.00	0.00060
-90.00	60.00	0.00068	-90.00	50.00	0.00077
-90.00	40.00	0.00086	-90.00	30.00	0.00091
-90.00	25.00	0.00093	-90.00	20.00	0.00092
-90.00	17.00	0.00091	-90.00	15.00	0.00091
-90.00	13.00	0.00089	-90.00	11.00	0.00088
-90.00	9.00	0.00086	-90.00	-9.00	0.00057
-90.00	-11.00	0.00054	-90.00	-13.00	0.00051
-90.00	-15.00	0.00048	-90.00	-17.00	0.00046
-90.00	-20.00	0.00043	-90.00	-25.00	0.00040
-90.00	-30.00	0.00037	-90.00	-40.00	0.00034
-90.00	-50.00	0.00031	-90.00	-60.00	0.00030
-90.00	-70.00	0.00028	-90.00	-80.00	0.00027
-90.00	-90.00	0.00026	-90.00	-100.00	0.00025
-80.00	100.00	0.00039	-80.00	90.00	0.00046
-80.00	80.00	0.00054	-80.00	70.00	0.00064
-80.00	60.00	0.00075	-80.00	50.00	0.00087
-80.00	40.00	0.00099	-80.00	30.00	0.00110
-80.00	25.00	0.00113	-80.00	20.00	0.00114
-80.00	17.00	0.00114	-80.00	15.00	0.00113
-80.00	13.00	0.00111	-80.00	11.00	0.00109
-80.00	9.00	0.00107	-80.00	-9.00	0.00065
-80.00	-11.00	0.00061	-80.00	-13.00	0.00058
-80.00	-15.00	0.00055	-80.00	-17.00	0.00053
-80.00	-20.00	0.00050	-80.00	-25.00	0.00046
-80.00	-30.00	0.00043	-80.00	-40.00	0.00039
-80.00	-50.00	0.00037	-80.00	-60.00	0.00036
-80.00	-70.00	0.00034	-80.00	-80.00	0.00032
-80.00	-90.00	0.00030	-80.00	-100.00	0.00028
-70.00	100.00	0.00038	-70.00	90.00	0.00046

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-70.00	80.00	0.00055	-70.00	70.00	0.00066
-70.00	60.00	0.00080	-70.00	50.00	0.00096
-70.00	40.00	0.00114	-70.00	30.00	0.00131
-70.00	25.00	0.00138	-70.00	20.00	0.00143
-70.00	17.00	0.00143	-70.00	15.00	0.00143
-70.00	13.00	0.00142	-70.00	11.00	0.00139
-70.00	9.00	0.00136	-70.00	-9.00	0.00076
-70.00	-11.00	0.00071	-70.00	-13.00	0.00067
-70.00	-15.00	0.00063	-70.00	-17.00	0.00061

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 70

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
-70.00	-20.00	0.00057	-70.00	-25.00	0.00053
-70.00	-30.00	0.00051	-70.00	-40.00	0.00048
-70.00	-50.00	0.00046	-70.00	-60.00	0.00043
-70.00	-70.00	0.00040	-70.00	-80.00	0.00037
-70.00	-90.00	0.00035	-70.00	-100.00	0.00032
-60.00	100.00	0.00037	-60.00	90.00	0.00045
-60.00	80.00	0.00054	-60.00	70.00	0.00066
-60.00	60.00	0.00082	-60.00	50.00	0.00102
-60.00	40.00	0.00126	-60.00	30.00	0.00152
-60.00	25.00	0.00166	-60.00	20.00	0.00177
-60.00	17.00	0.00181	-60.00	15.00	0.00183
-60.00	13.00	0.00183	-60.00	11.00	0.00182
-60.00	9.00	0.00178	-60.00	-9.00	0.00087
-60.00	-11.00	0.00081	-60.00	-13.00	0.00077
-60.00	-15.00	0.00073	-60.00	-17.00	0.00071
-60.00	-20.00	0.00068	-60.00	-25.00	0.00066
-60.00	-30.00	0.00064	-60.00	-40.00	0.00060
-60.00	-50.00	0.00056	-60.00	-60.00	0.00052
-60.00	-70.00	0.00048	-60.00	-80.00	0.00044
-60.00	-90.00	0.00041	-60.00	-100.00	0.00037
-50.00	100.00	0.00035	-50.00	90.00	0.00043
-50.00	80.00	0.00053	-50.00	70.00	0.00065
-50.00	60.00	0.00082	-50.00	50.00	0.00103
-50.00	40.00	0.00131	-50.00	30.00	0.00165
-50.00	25.00	0.00185	-50.00	20.00	0.00206

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-50.00	17.00	0.00218	-50.00	15.00	0.00225
-50.00	13.00	0.00232	-50.00	11.00	0.00238
-50.00	9.00	0.00240	-50.00	-9.00	0.00107
-50.00	-11.00	0.00101	-50.00	-13.00	0.00097
-50.00	-15.00	0.00094	-50.00	-17.00	0.00091
-50.00	-20.00	0.00088	-50.00	-25.00	0.00085
-50.00	-30.00	0.00082	-50.00	-40.00	0.00076
-50.00	-50.00	0.00070	-50.00	-60.00	0.00064
-50.00	-70.00	0.00058	-50.00	-80.00	0.00053
-50.00	-90.00	0.00048	-50.00	-100.00	0.00043
-40.00	100.00	0.00033	-40.00	90.00	0.00041
-40.00	80.00	0.00050	-40.00	70.00	0.00063
-40.00	60.00	0.00079	-40.00	50.00	0.00102
-40.00	40.00	0.00131	-40.00	30.00	0.00169
-40.00	25.00	0.00192	-40.00	20.00	0.00217

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 71
 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
-40.00	17.00	0.00232	-40.00	15.00	0.00242
-40.00	13.00	0.00253	-40.00	11.00	0.00265
-40.00	9.00	0.00277	-40.00	-9.00	0.00195
-40.00	-11.00	0.00170	-40.00	-13.00	0.00154
-40.00	-15.00	0.00144	-40.00	-17.00	0.00136
-40.00	-20.00	0.00128	-40.00	-25.00	0.00118
-40.00	-30.00	0.00111	-40.00	-40.00	0.00100
-40.00	-50.00	0.00089	-40.00	-60.00	0.00079
-40.00	-70.00	0.00070	-40.00	-80.00	0.00063
-40.00	-90.00	0.00056	-40.00	-100.00	0.00050
-30.00	100.00	0.00031	-30.00	90.00	0.00038
-30.00	80.00	0.00047	-30.00	70.00	0.00059
-30.00	60.00	0.00075	-30.00	50.00	0.00098
-30.00	40.00	0.00129	-30.00	30.00	0.00170
-30.00	25.00	0.00195	-30.00	20.00	0.00223
-30.00	17.00	0.00241	-30.00	15.00	0.00254
-30.00	13.00	0.00266	-30.00	11.00	0.00280
-30.00	9.00	0.00297	-30.00	-9.00	0.00414
-30.00	-11.00	0.00358	-30.00	-13.00	0.00313

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-30.00	-15.00	0.00278	-30.00	-17.00	0.00250
-30.00	-20.00	0.00219	-30.00	-25.00	0.00186
-30.00	-30.00	0.00164	-30.00	-40.00	0.00134
-30.00	-50.00	0.00114	-30.00	-60.00	0.00098
-30.00	-70.00	0.00085	-30.00	-80.00	0.00074
-30.00	-90.00	0.00065	-30.00	-100.00	0.00057
-20.00	100.00	0.00028	-20.00	90.00	0.00034
-20.00	80.00	0.00043	-20.00	70.00	0.00055
-20.00	60.00	0.00070	-20.00	50.00	0.00093
-20.00	40.00	0.00124	-20.00	30.00	0.00168
-20.00	25.00	0.00194	-20.00	20.00	0.00225
-20.00	17.00	0.00245	-20.00	15.00	0.00259
-20.00	13.00	0.00275	-20.00	11.00	0.00293
-20.00	9.00	0.00315	-20.00	-9.00	0.00576
-20.00	-11.00	0.00524	-20.00	-13.00	0.00478
-20.00	-15.00	0.00436	-20.00	-17.00	0.00399
-20.00	-20.00	0.00350	-20.00	-25.00	0.00287
-20.00	-30.00	0.00242	-20.00	-40.00	0.00185
-20.00	-50.00	0.00149	-20.00	-60.00	0.00123
-20.00	-70.00	0.00103	-20.00	-80.00	0.00088
-20.00	-90.00	0.00075	-20.00	-100.00	0.00065

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 72
 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
-10.00	100.00	0.00025	-10.00	90.00	0.00031
-10.00	80.00	0.00039	-10.00	70.00	0.00049
-10.00	60.00	0.00064	-10.00	50.00	0.00086
-10.00	40.00	0.00116	-10.00	30.00	0.00160
-10.00	25.00	0.00188	-10.00	20.00	0.00221
-10.00	17.00	0.00244	-10.00	15.00	0.00261
-10.00	13.00	0.00280	-10.00	11.00	0.00301
-10.00	9.00	0.00328	-10.00	-9.00	0.00676
-10.00	-11.00	0.00632	-10.00	-13.00	0.00591
-10.00	-15.00	0.00554	-10.00	-17.00	0.00518
-10.00	-20.00	0.00468	-10.00	-25.00	0.00393
-10.00	-30.00	0.00332	-10.00	-40.00	0.00245
-10.00	-50.00	0.00191	-10.00	-60.00	0.00153

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-10.00	-70.00	0.00125	-10.00	-80.00	0.00103
-10.00	-90.00	0.00087	-10.00	-100.00	0.00074
0.00	100.00	0.00022	0.00	90.00	0.00027
0.00	80.00	0.00034	0.00	70.00	0.00044
0.00	60.00	0.00057	0.00	50.00	0.00077
0.00	40.00	0.00105	0.00	30.00	0.00148
0.00	25.00	0.00177	0.00	20.00	0.00213
0.00	17.00	0.00238	0.00	15.00	0.00257
0.00	13.00	0.00278	0.00	11.00	0.00302
0.00	9.00	0.00332	0.00	-9.00	0.00740
0.00	-11.00	0.00701	0.00	-13.00	0.00665
0.00	-15.00	0.00631	0.00	-17.00	0.00599
0.00	-20.00	0.00552	0.00	-25.00	0.00479
0.00	-30.00	0.00413	0.00	-40.00	0.00309
0.00	-50.00	0.00236	0.00	-60.00	0.00184
0.00	-70.00	0.00148	0.00	-80.00	0.00120
0.00	-90.00	0.00100	0.00	-100.00	0.00084
10.00	100.00	0.00020	10.00	90.00	0.00024
10.00	80.00	0.00030	10.00	70.00	0.00038
10.00	60.00	0.00049	10.00	50.00	0.00066
10.00	40.00	0.00092	10.00	30.00	0.00132
10.00	25.00	0.00161	10.00	20.00	0.00198
10.00	17.00	0.00224	10.00	15.00	0.00245
10.00	13.00	0.00267	10.00	11.00	0.00294
10.00	9.00	0.00327	10.00	-9.00	0.00782
10.00	-11.00	0.00745	10.00	-13.00	0.00713
10.00	-15.00	0.00683	10.00	-17.00	0.00653

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 73
 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
10.00	-20.00	0.00610	10.00	-25.00	0.00541
10.00	-30.00	0.00477	10.00	-40.00	0.00365
10.00	-50.00	0.00279	10.00	-60.00	0.00216
10.00	-70.00	0.00171	10.00	-80.00	0.00138
10.00	-90.00	0.00114	10.00	-100.00	0.00095
20.00	100.00	0.00018	20.00	90.00	0.00022
20.00	80.00	0.00027	20.00	70.00	0.00033

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

20.00	60.00	0.00042	20.00	50.00	0.00055
20.00	40.00	0.00076	20.00	30.00	0.00112
20.00	25.00	0.00139	20.00	20.00	0.00174
20.00	17.00	0.00201	20.00	15.00	0.00222
20.00	13.00	0.00246	20.00	11.00	0.00274
20.00	9.00	0.00310	20.00	-9.00	0.00809
20.00	-11.00	0.00773	20.00	-13.00	0.00744
20.00	-15.00	0.00716	20.00	-17.00	0.00689
20.00	-20.00	0.00648	20.00	-25.00	0.00583
20.00	-30.00	0.00521	20.00	-40.00	0.00408
20.00	-50.00	0.00316	20.00	-60.00	0.00246
20.00	-70.00	0.00194	20.00	-80.00	0.00156
20.00	-90.00	0.00128	20.00	-100.00	0.00106
30.00	100.00	0.00017	30.00	90.00	0.00020
30.00	80.00	0.00024	30.00	70.00	0.00029
30.00	60.00	0.00036	30.00	50.00	0.00047
30.00	40.00	0.00063	30.00	30.00	0.00090
30.00	25.00	0.00112	30.00	20.00	0.00143
30.00	17.00	0.00167	30.00	15.00	0.00187
30.00	13.00	0.00210	30.00	11.00	0.00239
30.00	9.00	0.00275	30.00	-9.00	0.00823
30.00	-11.00	0.00790	30.00	-13.00	0.00762
30.00	-15.00	0.00736	30.00	-17.00	0.00710
30.00	-20.00	0.00671	30.00	-25.00	0.00607
30.00	-30.00	0.00547	30.00	-40.00	0.00437
30.00	-50.00	0.00345	30.00	-60.00	0.00271
30.00	-70.00	0.00215	30.00	-80.00	0.00173
30.00	-90.00	0.00141	30.00	-100.00	0.00117
40.00	100.00	0.00016	40.00	90.00	0.00019
40.00	80.00	0.00022	40.00	70.00	0.00026
40.00	60.00	0.00032	40.00	50.00	0.00041
40.00	40.00	0.00054	40.00	30.00	0.00076
40.00	25.00	0.00092	40.00	20.00	0.00114

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
40.00	17.00	0.00132	40.00	15.00	0.00147

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

40.00	13.00	0.00165	40.00	11.00	0.00188
40.00	9.00	0.00220	40.00	-9.00	0.00824
40.00	-11.00	0.00792	40.00	-13.00	0.00762
40.00	-15.00	0.00738	40.00	-17.00	0.00713
40.00	-20.00	0.00676	40.00	-25.00	0.00616
40.00	-30.00	0.00559	40.00	-40.00	0.00454
40.00	-50.00	0.00364	40.00	-60.00	0.00290
40.00	-70.00	0.00232	40.00	-80.00	0.00187
40.00	-90.00	0.00153	40.00	-100.00	0.00126
50.00	100.00	0.00015	50.00	90.00	0.00017
50.00	80.00	0.00020	50.00	70.00	0.00024
50.00	60.00	0.00030	50.00	50.00	0.00037
50.00	40.00	0.00049	50.00	30.00	0.00068
50.00	25.00	0.00082	50.00	20.00	0.00101
50.00	17.00	0.00116	50.00	15.00	0.00129
50.00	13.00	0.00144	50.00	11.00	0.00163
50.00	9.00	0.00187	50.00	-9.00	0.00744
50.00	-11.00	0.00739	50.00	-13.00	0.00723
50.00	-15.00	0.00704	50.00	-17.00	0.00686
50.00	-20.00	0.00656	50.00	-25.00	0.00604
50.00	-30.00	0.00552	50.00	-40.00	0.00456
50.00	-50.00	0.00372	50.00	-60.00	0.00301
50.00	-70.00	0.00244	50.00	-80.00	0.00198
50.00	-90.00	0.00162	50.00	-100.00	0.00135
60.00	100.00	0.00014	60.00	90.00	0.00016
60.00	80.00	0.00019	60.00	70.00	0.00022
60.00	60.00	0.00027	60.00	50.00	0.00034
60.00	40.00	0.00045	60.00	30.00	0.00061
60.00	25.00	0.00073	60.00	20.00	0.00090
60.00	17.00	0.00103	60.00	15.00	0.00115
60.00	13.00	0.00128	60.00	11.00	0.00145
60.00	9.00	0.00166	60.00	-9.00	0.00528
60.00	-11.00	0.00555	60.00	-13.00	0.00573
60.00	-15.00	0.00583	60.00	-17.00	0.00585
60.00	-20.00	0.00579	60.00	-25.00	0.00553
60.00	-30.00	0.00517	60.00	-40.00	0.00440
60.00	-50.00	0.00368	60.00	-60.00	0.00304
60.00	-70.00	0.00250	60.00	-80.00	0.00206
60.00	-90.00	0.00170	60.00	-100.00	0.00141

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:

PAGE 75

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00013	70.00	90.00	0.00015	
70.00	80.00	0.00017	70.00	70.00	0.00021	
70.00	60.00	0.00025	70.00	50.00	0.00032	
70.00	40.00	0.00041	70.00	30.00	0.00055	
70.00	25.00	0.00066	70.00	20.00	0.00081	
70.00	17.00	0.00093	70.00	15.00	0.00103	
70.00	13.00	0.00114	70.00	11.00	0.00127	
70.00	9.00	0.00143	70.00	-9.00	0.00371	
70.00	-11.00	0.00393	70.00	-13.00	0.00413	
70.00	-15.00	0.00430	70.00	-17.00	0.00443	
70.00	-20.00	0.00457	70.00	-25.00	0.00462	
70.00	-30.00	0.00451	70.00	-40.00	0.00405	
70.00	-50.00	0.00349	70.00	-60.00	0.00296	
70.00	-70.00	0.00249	70.00	-80.00	0.00208	
70.00	-90.00	0.00174	70.00	-100.00	0.00146	
80.00	100.00	0.00012	80.00	90.00	0.00014	
80.00	80.00	0.00016	80.00	70.00	0.00019	
80.00	60.00	0.00023	80.00	50.00	0.00029	
80.00	40.00	0.00037	80.00	30.00	0.00051	
80.00	25.00	0.00060	80.00	20.00	0.00073	
80.00	17.00	0.00083	80.00	15.00	0.00091	
80.00	13.00	0.00100	80.00	11.00	0.00110	
80.00	9.00	0.00121	80.00	-9.00	0.00272	
80.00	-11.00	0.00288	80.00	-13.00	0.00303	
80.00	-15.00	0.00317	80.00	-17.00	0.00329	
80.00	-20.00	0.00345	80.00	-25.00	0.00363	
80.00	-30.00	0.00370	80.00	-40.00	0.00355	
80.00	-50.00	0.00320	80.00	-60.00	0.00280	
80.00	-70.00	0.00241	80.00	-80.00	0.00205	
80.00	-90.00	0.00174	80.00	-100.00	0.00148	
90.00	100.00	0.00011	90.00	90.00	0.00013	
90.00	80.00	0.00015	90.00	70.00	0.00018	
90.00	60.00	0.00022	90.00	50.00	0.00027	
90.00	40.00	0.00035	90.00	30.00	0.00047	
90.00	25.00	0.00055	90.00	20.00	0.00066	
90.00	17.00	0.00074	90.00	15.00	0.00080	
90.00	13.00	0.00086	90.00	11.00	0.00094	
90.00	9.00	0.00103	90.00	-9.00	0.00207	
90.00	-11.00	0.00219	90.00	-13.00	0.00230	

90.00 -15.00 0.00240 90.00 -17.00 0.00250

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

10:44:12

**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
90.00	-20.00	0.00263	90.00	-25.00	0.00281
90.00	-30.00	0.00294	90.00	-40.00	0.00300
90.00	-50.00	0.00284	90.00	-60.00	0.00257
90.00	-70.00	0.00227	90.00	-80.00	0.00198
90.00	-90.00	0.00171	90.00	-100.00	0.00148
100.00	100.00	0.00011	100.00	90.00	0.00012
100.00	80.00	0.00014	100.00	70.00	0.00017
100.00	60.00	0.00020	100.00	50.00	0.00025
100.00	40.00	0.00032	100.00	30.00	0.00043
100.00	25.00	0.00050	100.00	20.00	0.00059
100.00	17.00	0.00065	100.00	15.00	0.00070
100.00	13.00	0.00075	100.00	11.00	0.00081
100.00	9.00	0.00088	100.00	-9.00	0.00163
100.00	-11.00	0.00172	100.00	-13.00	0.00180
100.00	-15.00	0.00187	100.00	-17.00	0.00195
100.00	-20.00	0.00205	100.00	-25.00	0.00221
100.00	-30.00	0.00233	100.00	-40.00	0.00247
100.00	-50.00	0.00245	100.00	-60.00	0.00231
100.00	-70.00	0.00210	100.00	-80.00	0.00188
100.00	-90.00	0.00165	100.00	-100.00	0.00145
110.00	100.00	0.00010	110.00	90.00	0.00011
110.00	80.00	0.00013	110.00	70.00	0.00016
110.00	60.00	0.00019	110.00	50.00	0.00024
110.00	40.00	0.00030	110.00	30.00	0.00039
110.00	25.00	0.00045	110.00	20.00	0.00052
110.00	17.00	0.00058	110.00	15.00	0.00062
110.00	13.00	0.00066	110.00	11.00	0.00070
110.00	9.00	0.00075	110.00	-9.00	0.00131
110.00	-11.00	0.00138	110.00	-13.00	0.00144
110.00	-15.00	0.00150	110.00	-17.00	0.00156
110.00	-20.00	0.00164	110.00	-25.00	0.00176
110.00	-30.00	0.00187	110.00	-40.00	0.00203
110.00	-50.00	0.00208	110.00	-60.00	0.00203

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

110.00	-70.00	0.00191	110.00	-80.00	0.00175
110.00	-90.00	0.00157	110.00	-100.00	0.00140
120.00	100.00	0.00009	120.00	90.00	0.00011
120.00	80.00	0.00012	120.00	70.00	0.00015
120.00	60.00	0.00018	120.00	50.00	0.00022
120.00	40.00	0.00028	120.00	30.00	0.00036
120.00	25.00	0.00041	120.00	20.00	0.00047

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

10:44:12

**MODELOPTs:

PAGE 77

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West 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
120.00	17.00	0.00051	120.00	15.00	0.00054
120.00	13.00	0.00058	120.00	11.00	0.00062
120.00	9.00	0.00065	120.00	-9.00	0.00108
120.00	-11.00	0.00113	120.00	-13.00	0.00118
120.00	-15.00	0.00123	120.00	-17.00	0.00127
120.00	-20.00	0.00134	120.00	-25.00	0.00144
120.00	-30.00	0.00152	120.00	-40.00	0.00167
120.00	-50.00	0.00175	120.00	-60.00	0.00176
120.00	-70.00	0.00171	120.00	-80.00	0.00160
120.00	-90.00	0.00147	120.00	-100.00	0.00133
130.00	100.00	0.00009	130.00	90.00	0.00010
130.00	80.00	0.00012	130.00	70.00	0.00014
130.00	60.00	0.00017	130.00	50.00	0.00021
130.00	40.00	0.00026	130.00	30.00	0.00033
130.00	25.00	0.00037	130.00	20.00	0.00042
130.00	17.00	0.00046	130.00	15.00	0.00048
130.00	13.00	0.00051	130.00	11.00	0.00054
130.00	9.00	0.00057	130.00	-9.00	0.00091
130.00	-11.00	0.00095	130.00	-13.00	0.00098
130.00	-15.00	0.00102	130.00	-17.00	0.00106
130.00	-20.00	0.00111	130.00	-25.00	0.00119
130.00	-30.00	0.00126	130.00	-40.00	0.00139
130.00	-50.00	0.00148	130.00	-60.00	0.00152
130.00	-70.00	0.00151	130.00	-80.00	0.00145
130.00	-90.00	0.00136	130.00	-100.00	0.00125
140.00	100.00	0.00008	140.00	90.00	0.00010
140.00	80.00	0.00011	140.00	70.00	0.00014

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

140.00	60.00	0.00016	140.00	50.00	0.00020
140.00	40.00	0.00024	140.00	30.00	0.00030
140.00	25.00	0.00034	140.00	20.00	0.00038
140.00	17.00	0.00041	140.00	15.00	0.00043
140.00	13.00	0.00045	140.00	11.00	0.00048
140.00	9.00	0.00050	140.00	-9.00	0.00077
140.00	-11.00	0.00080	140.00	-13.00	0.00083
140.00	-15.00	0.00086	140.00	-17.00	0.00089
140.00	-20.00	0.00094	140.00	-25.00	0.00100
140.00	-30.00	0.00106	140.00	-40.00	0.00117
140.00	-50.00	0.00125	140.00	-60.00	0.00131
140.00	-70.00	0.00132	140.00	-80.00	0.00130
140.00	-90.00	0.00124	140.00	-100.00	0.00117

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 78

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
150.00	100.00	0.00008	150.00	90.00	0.00009
150.00	80.00	0.00011	150.00	70.00	0.00013
150.00	60.00	0.00016	150.00	50.00	0.00019
150.00	40.00	0.00022	150.00	30.00	0.00027
150.00	25.00	0.00031	150.00	20.00	0.00034
150.00	17.00	0.00037	150.00	15.00	0.00039
150.00	13.00	0.00041	150.00	11.00	0.00043
150.00	9.00	0.00045	150.00	-9.00	0.00066
150.00	-11.00	0.00069	150.00	-13.00	0.00071
150.00	-15.00	0.00074	150.00	-17.00	0.00076
150.00	-20.00	0.00080	150.00	-25.00	0.00085
150.00	-30.00	0.00090	150.00	-40.00	0.00100
150.00	-50.00	0.00107	150.00	-60.00	0.00113
150.00	-70.00	0.00116	150.00	-80.00	0.00116
150.00	-90.00	0.00113	150.00	-100.00	0.00108
160.00	100.00	0.00008	160.00	90.00	0.00009
160.00	80.00	0.00011	160.00	70.00	0.00013
160.00	60.00	0.00015	160.00	50.00	0.00017
160.00	40.00	0.00021	160.00	30.00	0.00025
160.00	25.00	0.00028	160.00	20.00	0.00031
160.00	17.00	0.00033	160.00	15.00	0.00035

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

160.00	13.00	0.00037	160.00	11.00	0.00038
160.00	9.00	0.00040	160.00	-9.00	0.00058
160.00	-11.00	0.00060	160.00	-13.00	0.00062
160.00	-15.00	0.00064	160.00	-17.00	0.00066
160.00	-20.00	0.00069	160.00	-25.00	0.00074
160.00	-30.00	0.00078	160.00	-40.00	0.00086
160.00	-50.00	0.00092	160.00	-60.00	0.00098
160.00	-70.00	0.00101	160.00	-80.00	0.00103
160.00	-90.00	0.00102	160.00	-100.00	0.00099
170.00	100.00	0.00008	170.00	90.00	0.00009
170.00	80.00	0.00010	170.00	70.00	0.00012
170.00	60.00	0.00014	170.00	50.00	0.00016
170.00	40.00	0.00019	170.00	30.00	0.00023
170.00	25.00	0.00026	170.00	20.00	0.00029
170.00	17.00	0.00030	170.00	15.00	0.00032
170.00	13.00	0.00033	170.00	11.00	0.00035
170.00	9.00	0.00036	170.00	-9.00	0.00051
170.00	-11.00	0.00052	170.00	-13.00	0.00054
170.00	-15.00	0.00056	170.00	-17.00	0.00058

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
170.00	-20.00	0.00060	170.00	-25.00	0.00064
170.00	-30.00	0.00068	170.00	-40.00	0.00074
170.00	-50.00	0.00080	170.00	-60.00	0.00085
170.00	-70.00	0.00089	170.00	-80.00	0.00091
170.00	-90.00	0.00091	170.00	-100.00	0.00090
180.00	100.00	0.00007	180.00	90.00	0.00009
180.00	80.00	0.00010	180.00	70.00	0.00011
180.00	60.00	0.00013	180.00	50.00	0.00015
180.00	40.00	0.00018	180.00	30.00	0.00022
180.00	25.00	0.00024	180.00	20.00	0.00026
180.00	17.00	0.00028	180.00	15.00	0.00029
180.00	13.00	0.00030	180.00	11.00	0.00031
180.00	9.00	0.00033	180.00	-9.00	0.00045
180.00	-11.00	0.00046	180.00	-13.00	0.00048
180.00	-15.00	0.00049	180.00	-17.00	0.00051

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

180.00	-20.00	0.00053	180.00	-25.00	0.00056
180.00	-30.00	0.00059	180.00	-40.00	0.00065
180.00	-50.00	0.00070	180.00	-60.00	0.00075
180.00	-70.00	0.00078	180.00	-80.00	0.00081
180.00	-90.00	0.00082	180.00	-100.00	0.00082
190.00	100.00	0.00007	190.00	90.00	0.00008
190.00	80.00	0.00009	190.00	70.00	0.00011
190.00	60.00	0.00012	190.00	50.00	0.00014
190.00	40.00	0.00017	190.00	30.00	0.00020
190.00	25.00	0.00022	190.00	20.00	0.00024
190.00	17.00	0.00025	190.00	15.00	0.00026
190.00	13.00	0.00027	190.00	11.00	0.00028
190.00	9.00	0.00030	190.00	-9.00	0.00040
190.00	-11.00	0.00041	190.00	-13.00	0.00043
190.00	-15.00	0.00044	190.00	-17.00	0.00045
190.00	-20.00	0.00047	190.00	-25.00	0.00050
190.00	-30.00	0.00053	190.00	-40.00	0.00058
190.00	-50.00	0.00062	190.00	-60.00	0.00066
190.00	-70.00	0.00069	190.00	-80.00	0.00072
190.00	-90.00	0.00074	190.00	-100.00	0.00074
200.00	100.00	0.00007	200.00	90.00	0.00008
200.00	80.00	0.00009	200.00	70.00	0.00010
200.00	60.00	0.00012	200.00	50.00	0.00014
200.00	40.00	0.00016	200.00	30.00	0.00019
200.00	25.00	0.00020	200.00	20.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
200.00	17.00	0.00023	200.00	15.00	0.00024
200.00	13.00	0.00025	200.00	11.00	0.00026
200.00	9.00	0.00027	200.00	-9.00	0.00036
200.00	-11.00	0.00037	200.00	-13.00	0.00038
200.00	-15.00	0.00039	200.00	-17.00	0.00040
200.00	-20.00	0.00042	200.00	-25.00	0.00044
200.00	-30.00	0.00047	200.00	-40.00	0.00051
200.00	-50.00	0.00055	200.00	-60.00	0.00059
200.00	-70.00	0.00062	200.00	-80.00	0.00064

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

200.00	-90.00	0.00066	200.00	-100.00	0.00067
210.00	100.00	0.00007	210.00	90.00	0.00008
210.00	80.00	0.00009	210.00	70.00	0.00010
210.00	60.00	0.00011	210.00	50.00	0.00013
210.00	40.00	0.00015	210.00	30.00	0.00017
210.00	25.00	0.00019	210.00	20.00	0.00021
210.00	17.00	0.00022	210.00	15.00	0.00022
210.00	13.00	0.00023	210.00	11.00	0.00024
210.00	9.00	0.00025	210.00	-9.00	0.00032
210.00	-11.00	0.00033	210.00	-13.00	0.00034
210.00	-15.00	0.00035	210.00	-17.00	0.00036
210.00	-20.00	0.00038	210.00	-25.00	0.00040
210.00	-30.00	0.00042	210.00	-40.00	0.00046
210.00	-50.00	0.00049	210.00	-60.00	0.00052
210.00	-70.00	0.00055	210.00	-80.00	0.00058
210.00	-90.00	0.00060	210.00	-100.00	0.00061
220.00	100.00	0.00007	220.00	90.00	0.00007
220.00	80.00	0.00008	220.00	70.00	0.00009
220.00	60.00	0.00011	220.00	50.00	0.00012
220.00	40.00	0.00014	220.00	30.00	0.00016
220.00	25.00	0.00018	220.00	20.00	0.00019
220.00	17.00	0.00020	220.00	15.00	0.00021
220.00	13.00	0.00021	220.00	11.00	0.00022
220.00	9.00	0.00023	220.00	-9.00	0.00029
220.00	-11.00	0.00030	220.00	-13.00	0.00031
220.00	-15.00	0.00032	220.00	-17.00	0.00033
220.00	-20.00	0.00034	220.00	-25.00	0.00036
220.00	-30.00	0.00038	220.00	-40.00	0.00041
220.00	-50.00	0.00044	220.00	-60.00	0.00047
220.00	-70.00	0.00050	220.00	-80.00	0.00052
220.00	-90.00	0.00054	220.00	-100.00	0.00055

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**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
230.00	100.00	0.00006	230.00	90.00	0.00007
230.00	80.00	0.00008	230.00	70.00	0.00009
230.00	60.00	0.00010	230.00	50.00	0.00011

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

230.00	40.00	0.00013	230.00	30.00	0.00015
230.00	25.00	0.00016	230.00	20.00	0.00018
230.00	17.00	0.00019	230.00	15.00	0.00019
230.00	13.00	0.00020	230.00	11.00	0.00020
230.00	9.00	0.00021	230.00	-9.00	0.00027
230.00	-11.00	0.00028	230.00	-13.00	0.00028
230.00	-15.00	0.00029	230.00	-17.00	0.00030
230.00	-20.00	0.00031	230.00	-25.00	0.00032
230.00	-30.00	0.00034	230.00	-40.00	0.00037
230.00	-50.00	0.00040	230.00	-60.00	0.00043
230.00	-70.00	0.00045	230.00	-80.00	0.00047
230.00	-90.00	0.00049	230.00	-100.00	0.00050
240.00	100.00	0.00006	240.00	90.00	0.00007
240.00	80.00	0.00008	240.00	70.00	0.00008
240.00	60.00	0.00010	240.00	50.00	0.00011
240.00	40.00	0.00012	240.00	30.00	0.00014
240.00	25.00	0.00015	240.00	20.00	0.00017
240.00	17.00	0.00017	240.00	15.00	0.00018
240.00	13.00	0.00018	240.00	11.00	0.00019
240.00	9.00	0.00019	240.00	-9.00	0.00025
240.00	-11.00	0.00025	240.00	-13.00	0.00026
240.00	-15.00	0.00026	240.00	-17.00	0.00027
240.00	-20.00	0.00028	240.00	-25.00	0.00030
240.00	-30.00	0.00031	240.00	-40.00	0.00034
240.00	-50.00	0.00036	240.00	-60.00	0.00039
240.00	-70.00	0.00041	240.00	-80.00	0.00043
240.00	-90.00	0.00044	240.00	-100.00	0.00046
250.00	100.00	0.00006	250.00	90.00	0.00007
250.00	80.00	0.00007	250.00	70.00	0.00008
250.00	60.00	0.00009	250.00	50.00	0.00010
250.00	40.00	0.00012	250.00	30.00	0.00013
250.00	25.00	0.00014	250.00	20.00	0.00015
250.00	17.00	0.00016	250.00	15.00	0.00017
250.00	13.00	0.00017	250.00	11.00	0.00018
250.00	9.00	0.00018	250.00	-9.00	0.00023
250.00	-11.00	0.00023	250.00	-13.00	0.00024
250.00	-15.00	0.00024	250.00	-17.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**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 ,

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-240.00	-30.00	0.00019	-240.00	-40.00	0.00017
-240.00	-50.00	0.00015	-240.00	-60.00	0.00015
-240.00	-70.00	0.00014	-240.00	-80.00	0.00013
-240.00	-90.00	0.00012	-240.00	-100.00	0.00011
-230.00	100.00	0.00030	-230.00	90.00	0.00032
-230.00	80.00	0.00035	-230.00	70.00	0.00037
-230.00	60.00	0.00039	-230.00	50.00	0.00040
-230.00	40.00	0.00040	-230.00	30.00	0.00041
-230.00	25.00	0.00040	-230.00	20.00	0.00040
-230.00	17.00	0.00039	-230.00	15.00	0.00038
-230.00	13.00	0.00038	-230.00	11.00	0.00037
-230.00	9.00	0.00036	-230.00	-9.00	0.00029
-230.00	-11.00	0.00028	-230.00	-13.00	0.00027
-230.00	-15.00	0.00026	-230.00	-17.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 84

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
-230.00	-20.00	0.00024	-230.00	-25.00	0.00022
-230.00	-30.00	0.00021	-230.00	-40.00	0.00018
-230.00	-50.00	0.00017	-230.00	-60.00	0.00016
-230.00	-70.00	0.00015	-230.00	-80.00	0.00014
-230.00	-90.00	0.00013	-230.00	-100.00	0.00012
-220.00	100.00	0.00032	-220.00	90.00	0.00035
-220.00	80.00	0.00038	-220.00	70.00	0.00041
-220.00	60.00	0.00044	-220.00	50.00	0.00046
-220.00	40.00	0.00046	-220.00	30.00	0.00047
-220.00	25.00	0.00047	-220.00	20.00	0.00046
-220.00	17.00	0.00045	-220.00	15.00	0.00044
-220.00	13.00	0.00044	-220.00	11.00	0.00043
-220.00	9.00	0.00042	-220.00	-9.00	0.00033
-220.00	-11.00	0.00032	-220.00	-13.00	0.00030
-220.00	-15.00	0.00029	-220.00	-17.00	0.00028
-220.00	-20.00	0.00027	-220.00	-25.00	0.00025
-220.00	-30.00	0.00023	-220.00	-40.00	0.00021
-220.00	-50.00	0.00019	-220.00	-60.00	0.00018
-220.00	-70.00	0.00017	-220.00	-80.00	0.00015
-220.00	-90.00	0.00014	-220.00	-100.00	0.00014

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-190.00	25.00	0.00076	-190.00	20.00	0.00076
-190.00	17.00	0.00075	-190.00	15.00	0.00074
-190.00	13.00	0.00073	-190.00	11.00	0.00072
-190.00	9.00	0.00070	-190.00	-9.00	0.00049
-190.00	-11.00	0.00047	-190.00	-13.00	0.00044
-190.00	-15.00	0.00042	-190.00	-17.00	0.00040
-190.00	-20.00	0.00038	-190.00	-25.00	0.00035
-190.00	-30.00	0.00033	-190.00	-40.00	0.00030
-190.00	-50.00	0.00027	-190.00	-60.00	0.00025
-190.00	-70.00	0.00024	-190.00	-80.00	0.00023
-190.00	-90.00	0.00022	-190.00	-100.00	0.00021
-180.00	100.00	0.00038	-180.00	90.00	0.00044
-180.00	80.00	0.00052	-180.00	70.00	0.00060
-180.00	60.00	0.00068	-180.00	50.00	0.00077
-180.00	40.00	0.00086	-180.00	30.00	0.00091
-180.00	25.00	0.00093	-180.00	20.00	0.00092
-180.00	17.00	0.00091	-180.00	15.00	0.00091
-180.00	13.00	0.00089	-180.00	11.00	0.00088
-180.00	9.00	0.00086	-180.00	-9.00	0.00057
-180.00	-11.00	0.00054	-180.00	-13.00	0.00051
-180.00	-15.00	0.00048	-180.00	-17.00	0.00046
-180.00	-20.00	0.00043	-180.00	-25.00	0.00040
-180.00	-30.00	0.00037	-180.00	-40.00	0.00034
-180.00	-50.00	0.00031	-180.00	-60.00	0.00030
-180.00	-70.00	0.00028	-180.00	-80.00	0.00027
-180.00	-90.00	0.00026	-180.00	-100.00	0.00025

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

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
**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
-170.00	100.00	0.00039	-170.00	90.00	0.00046
-170.00	80.00	0.00054	-170.00	70.00	0.00064
-170.00	60.00	0.00075	-170.00	50.00	0.00087
-170.00	40.00	0.00099	-170.00	30.00	0.00110
-170.00	25.00	0.00113	-170.00	20.00	0.00114
-170.00	17.00	0.00114	-170.00	15.00	0.00113
-170.00	13.00	0.00111	-170.00	11.00	0.00109
-170.00	9.00	0.00107	-170.00	-9.00	0.00065

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-170.00	-11.00	0.00061	-170.00	-13.00	0.00058
-170.00	-15.00	0.00055	-170.00	-17.00	0.00053
-170.00	-20.00	0.00050	-170.00	-25.00	0.00046
-170.00	-30.00	0.00043	-170.00	-40.00	0.00039
-170.00	-50.00	0.00037	-170.00	-60.00	0.00036
-170.00	-70.00	0.00034	-170.00	-80.00	0.00032
-170.00	-90.00	0.00030	-170.00	-100.00	0.00028
-160.00	100.00	0.00038	-160.00	90.00	0.00046
-160.00	80.00	0.00055	-160.00	70.00	0.00066
-160.00	60.00	0.00080	-160.00	50.00	0.00096
-160.00	40.00	0.00114	-160.00	30.00	0.00131
-160.00	25.00	0.00138	-160.00	20.00	0.00143
-160.00	17.00	0.00143	-160.00	15.00	0.00143
-160.00	13.00	0.00142	-160.00	11.00	0.00139
-160.00	9.00	0.00136	-160.00	-9.00	0.00076
-160.00	-11.00	0.00071	-160.00	-13.00	0.00067
-160.00	-15.00	0.00063	-160.00	-17.00	0.00061
-160.00	-20.00	0.00057	-160.00	-25.00	0.00053
-160.00	-30.00	0.00051	-160.00	-40.00	0.00048
-160.00	-50.00	0.00046	-160.00	-60.00	0.00043
-160.00	-70.00	0.00040	-160.00	-80.00	0.00037
-160.00	-90.00	0.00035	-160.00	-100.00	0.00032
-150.00	100.00	0.00037	-150.00	90.00	0.00045
-150.00	80.00	0.00054	-150.00	70.00	0.00066
-150.00	60.00	0.00082	-150.00	50.00	0.00102
-150.00	40.00	0.00126	-150.00	30.00	0.00152
-150.00	25.00	0.00166	-150.00	20.00	0.00177
-150.00	17.00	0.00181	-150.00	15.00	0.00183
-150.00	13.00	0.00183	-150.00	11.00	0.00182
-150.00	9.00	0.00178	-150.00	-9.00	0.00087
-150.00	-11.00	0.00081	-150.00	-13.00	0.00077
-150.00	-15.00	0.00073	-150.00	-17.00	0.00071

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
-150.00	-20.00	0.00068	-150.00	-25.00	0.00066
-150.00	-30.00	0.00064	-150.00	-40.00	0.00060

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-150.00	-50.00	0.00056	-150.00	-60.00	0.00052
-150.00	-70.00	0.00048	-150.00	-80.00	0.00044
-150.00	-90.00	0.00041	-150.00	-100.00	0.00037
-140.00	100.00	0.00035	-140.00	90.00	0.00043
-140.00	80.00	0.00053	-140.00	70.00	0.00065
-140.00	60.00	0.00082	-140.00	50.00	0.00103
-140.00	40.00	0.00131	-140.00	30.00	0.00165
-140.00	25.00	0.00185	-140.00	20.00	0.00206
-140.00	17.00	0.00218	-140.00	15.00	0.00225
-140.00	13.00	0.00232	-140.00	11.00	0.00238
-140.00	9.00	0.00240	-140.00	-9.00	0.00107
-140.00	-11.00	0.00101	-140.00	-13.00	0.00097
-140.00	-15.00	0.00094	-140.00	-17.00	0.00091
-140.00	-20.00	0.00088	-140.00	-25.00	0.00085
-140.00	-30.00	0.00082	-140.00	-40.00	0.00076
-140.00	-50.00	0.00070	-140.00	-60.00	0.00064
-140.00	-70.00	0.00058	-140.00	-80.00	0.00053
-140.00	-90.00	0.00048	-140.00	-100.00	0.00043
-130.00	100.00	0.00033	-130.00	90.00	0.00041
-130.00	80.00	0.00050	-130.00	70.00	0.00063
-130.00	60.00	0.00079	-130.00	50.00	0.00102
-130.00	40.00	0.00131	-130.00	30.00	0.00169
-130.00	25.00	0.00192	-130.00	20.00	0.00217
-130.00	17.00	0.00232	-130.00	15.00	0.00242
-130.00	13.00	0.00253	-130.00	11.00	0.00265
-130.00	9.00	0.00277	-130.00	-9.00	0.00195
-130.00	-11.00	0.00170	-130.00	-13.00	0.00154
-130.00	-15.00	0.00144	-130.00	-17.00	0.00136
-130.00	-20.00	0.00128	-130.00	-25.00	0.00118
-130.00	-30.00	0.00111	-130.00	-40.00	0.00100
-130.00	-50.00	0.00089	-130.00	-60.00	0.00079
-130.00	-70.00	0.00070	-130.00	-80.00	0.00063
-130.00	-90.00	0.00056	-130.00	-100.00	0.00050
-120.00	100.00	0.00031	-120.00	90.00	0.00038
-120.00	80.00	0.00047	-120.00	70.00	0.00059
-120.00	60.00	0.00075	-120.00	50.00	0.00098
-120.00	40.00	0.00129	-120.00	30.00	0.00170
-120.00	25.00	0.00195	-120.00	20.00	0.00223

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

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

08NCRA PL93-300_DPM_TRAV_ANN E-W Bound
 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
-120.00	17.00	0.00241	-120.00	15.00	0.00254
-120.00	13.00	0.00266	-120.00	11.00	0.00280
-120.00	9.00	0.00297	-120.00	-9.00	0.00414
-120.00	-11.00	0.00358	-120.00	-13.00	0.00313
-120.00	-15.00	0.00278	-120.00	-17.00	0.00250
-120.00	-20.00	0.00219	-120.00	-25.00	0.00186
-120.00	-30.00	0.00164	-120.00	-40.00	0.00134
-120.00	-50.00	0.00114	-120.00	-60.00	0.00098
-120.00	-70.00	0.00085	-120.00	-80.00	0.00074
-120.00	-90.00	0.00065	-120.00	-100.00	0.00057
-110.00	100.00	0.00028	-110.00	90.00	0.00034
-110.00	80.00	0.00043	-110.00	70.00	0.00055
-110.00	60.00	0.00070	-110.00	50.00	0.00093
-110.00	40.00	0.00124	-110.00	30.00	0.00168
-110.00	25.00	0.00194	-110.00	20.00	0.00225
-110.00	17.00	0.00245	-110.00	15.00	0.00259
-110.00	13.00	0.00275	-110.00	11.00	0.00293
-110.00	9.00	0.00315	-110.00	-9.00	0.00576
-110.00	-11.00	0.00524	-110.00	-13.00	0.00478
-110.00	-15.00	0.00436	-110.00	-17.00	0.00399
-110.00	-20.00	0.00350	-110.00	-25.00	0.00287
-110.00	-30.00	0.00242	-110.00	-40.00	0.00185
-110.00	-50.00	0.00149	-110.00	-60.00	0.00123
-110.00	-70.00	0.00103	-110.00	-80.00	0.00088
-110.00	-90.00	0.00075	-110.00	-100.00	0.00065
-100.00	100.00	0.00025	-100.00	90.00	0.00031
-100.00	80.00	0.00039	-100.00	70.00	0.00049
-100.00	60.00	0.00064	-100.00	50.00	0.00086
-100.00	40.00	0.00116	-100.00	30.00	0.00160
-100.00	25.00	0.00188	-100.00	20.00	0.00221
-100.00	17.00	0.00244	-100.00	15.00	0.00261
-100.00	13.00	0.00280	-100.00	11.00	0.00301
-100.00	9.00	0.00328	-100.00	-9.00	0.00676
-100.00	-11.00	0.00632	-100.00	-13.00	0.00591
-100.00	-15.00	0.00554	-100.00	-17.00	0.00518
-100.00	-20.00	0.00468	-100.00	-25.00	0.00393
-100.00	-30.00	0.00332	-100.00	-40.00	0.00245
-100.00	-50.00	0.00191	-100.00	-60.00	0.00153
-100.00	-70.00	0.00125	-100.00	-80.00	0.00103
-100.00	-90.00	0.00087	-100.00	-100.00	0.00074

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**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
-90.00	100.00	0.00022	-90.00	90.00	0.00027
-90.00	80.00	0.00034	-90.00	70.00	0.00044
-90.00	60.00	0.00057	-90.00	50.00	0.00077
-90.00	40.00	0.00105	-90.00	30.00	0.00148
-90.00	25.00	0.00177	-90.00	20.00	0.00213
-90.00	17.00	0.00238	-90.00	15.00	0.00257
-90.00	13.00	0.00278	-90.00	11.00	0.00302
-90.00	9.00	0.00332	-90.00	-9.00	0.00740
-90.00	-11.00	0.00701	-90.00	-13.00	0.00665
-90.00	-15.00	0.00631	-90.00	-17.00	0.00599
-90.00	-20.00	0.00552	-90.00	-25.00	0.00479
-90.00	-30.00	0.00413	-90.00	-40.00	0.00309
-90.00	-50.00	0.00236	-90.00	-60.00	0.00184
-90.00	-70.00	0.00148	-90.00	-80.00	0.00120
-90.00	-90.00	0.00100	-90.00	-100.00	0.00084
-80.00	100.00	0.00020	-80.00	90.00	0.00024
-80.00	80.00	0.00030	-80.00	70.00	0.00038
-80.00	60.00	0.00049	-80.00	50.00	0.00066
-80.00	40.00	0.00092	-80.00	30.00	0.00132
-80.00	25.00	0.00161	-80.00	20.00	0.00198
-80.00	17.00	0.00224	-80.00	15.00	0.00245
-80.00	13.00	0.00267	-80.00	11.00	0.00294
-80.00	9.00	0.00327	-80.00	-9.00	0.00782
-80.00	-11.00	0.00745	-80.00	-13.00	0.00713
-80.00	-15.00	0.00683	-80.00	-17.00	0.00653
-80.00	-20.00	0.00610	-80.00	-25.00	0.00541
-80.00	-30.00	0.00477	-80.00	-40.00	0.00365
-80.00	-50.00	0.00279	-80.00	-60.00	0.00216
-80.00	-70.00	0.00171	-80.00	-80.00	0.00138
-80.00	-90.00	0.00114	-80.00	-100.00	0.00095
-70.00	100.00	0.00018	-70.00	90.00	0.00022
-70.00	80.00	0.00027	-70.00	70.00	0.00033
-70.00	60.00	0.00042	-70.00	50.00	0.00055
-70.00	40.00	0.00076	-70.00	30.00	0.00112

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-70.00	25.00	0.00139	-70.00	20.00	0.00174
-70.00	17.00	0.00201	-70.00	15.00	0.00222
-70.00	13.00	0.00246	-70.00	11.00	0.00274
-70.00	9.00	0.00310	-70.00	-9.00	0.00809
-70.00	-11.00	0.00773	-70.00	-13.00	0.00744
-70.00	-15.00	0.00716	-70.00	-17.00	0.00689

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 90

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
-70.00	-20.00	0.00648	-70.00	-25.00	0.00583
-70.00	-30.00	0.00521	-70.00	-40.00	0.00408
-70.00	-50.00	0.00316	-70.00	-60.00	0.00246
-70.00	-70.00	0.00194	-70.00	-80.00	0.00156
-70.00	-90.00	0.00128	-70.00	-100.00	0.00106
-60.00	100.00	0.00017	-60.00	90.00	0.00020
-60.00	80.00	0.00024	-60.00	70.00	0.00029
-60.00	60.00	0.00036	-60.00	50.00	0.00047
-60.00	40.00	0.00063	-60.00	30.00	0.00090
-60.00	25.00	0.00112	-60.00	20.00	0.00143
-60.00	17.00	0.00167	-60.00	15.00	0.00187
-60.00	13.00	0.00210	-60.00	11.00	0.00239
-60.00	9.00	0.00275	-60.00	-9.00	0.00823
-60.00	-11.00	0.00790	-60.00	-13.00	0.00762
-60.00	-15.00	0.00736	-60.00	-17.00	0.00710
-60.00	-20.00	0.00671	-60.00	-25.00	0.00607
-60.00	-30.00	0.00547	-60.00	-40.00	0.00437
-60.00	-50.00	0.00345	-60.00	-60.00	0.00271
-60.00	-70.00	0.00215	-60.00	-80.00	0.00173
-60.00	-90.00	0.00141	-60.00	-100.00	0.00117
-50.00	100.00	0.00016	-50.00	90.00	0.00019
-50.00	80.00	0.00022	-50.00	70.00	0.00026
-50.00	60.00	0.00032	-50.00	50.00	0.00041
-50.00	40.00	0.00054	-50.00	30.00	0.00076
-50.00	25.00	0.00092	-50.00	20.00	0.00114
-50.00	17.00	0.00132	-50.00	15.00	0.00147
-50.00	13.00	0.00165	-50.00	11.00	0.00188
-50.00	9.00	0.00220	-50.00	-9.00	0.00824

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-50.00	-11.00	0.00792	-50.00	-13.00	0.00762
-50.00	-15.00	0.00738	-50.00	-17.00	0.00713
-50.00	-20.00	0.00676	-50.00	-25.00	0.00616
-50.00	-30.00	0.00559	-50.00	-40.00	0.00454
-50.00	-50.00	0.00364	-50.00	-60.00	0.00290
-50.00	-70.00	0.00232	-50.00	-80.00	0.00187
-50.00	-90.00	0.00153	-50.00	-100.00	0.00126
-40.00	100.00	0.00015	-40.00	90.00	0.00017
-40.00	80.00	0.00020	-40.00	70.00	0.00024
-40.00	60.00	0.00030	-40.00	50.00	0.00037
-40.00	40.00	0.00049	-40.00	30.00	0.00068
-40.00	25.00	0.00082	-40.00	20.00	0.00101

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

10:44:12

**MODELOPTs:

PAGE 91

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West 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
-40.00	17.00	0.00116	-40.00	15.00	0.00129
-40.00	13.00	0.00144	-40.00	11.00	0.00163
-40.00	9.00	0.00187	-40.00	-9.00	0.00744
-40.00	-11.00	0.00739	-40.00	-13.00	0.00723
-40.00	-15.00	0.00704	-40.00	-17.00	0.00686
-40.00	-20.00	0.00656	-40.00	-25.00	0.00604
-40.00	-30.00	0.00552	-40.00	-40.00	0.00456
-40.00	-50.00	0.00372	-40.00	-60.00	0.00301
-40.00	-70.00	0.00244	-40.00	-80.00	0.00198
-40.00	-90.00	0.00162	-40.00	-100.00	0.00135
-30.00	100.00	0.00014	-30.00	90.00	0.00016
-30.00	80.00	0.00019	-30.00	70.00	0.00022
-30.00	60.00	0.00027	-30.00	50.00	0.00034
-30.00	40.00	0.00045	-30.00	30.00	0.00061
-30.00	25.00	0.00073	-30.00	20.00	0.00090
-30.00	17.00	0.00103	-30.00	15.00	0.00115
-30.00	13.00	0.00128	-30.00	11.00	0.00145
-30.00	9.00	0.00166	-30.00	-9.00	0.00528
-30.00	-11.00	0.00555	-30.00	-13.00	0.00573
-30.00	-15.00	0.00583	-30.00	-17.00	0.00585
-30.00	-20.00	0.00579	-30.00	-25.00	0.00553
-30.00	-30.00	0.00517	-30.00	-40.00	0.00440

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-30.00	-50.00	0.00368	-30.00	-60.00	0.00304
-30.00	-70.00	0.00250	-30.00	-80.00	0.00206
-30.00	-90.00	0.00170	-30.00	-100.00	0.00141
-20.00	100.00	0.00013	-20.00	90.00	0.00015
-20.00	80.00	0.00017	-20.00	70.00	0.00021
-20.00	60.00	0.00025	-20.00	50.00	0.00032
-20.00	40.00	0.00041	-20.00	30.00	0.00055
-20.00	25.00	0.00066	-20.00	20.00	0.00081
-20.00	17.00	0.00093	-20.00	15.00	0.00103
-20.00	13.00	0.00114	-20.00	11.00	0.00127
-20.00	9.00	0.00143	-20.00	-9.00	0.00371
-20.00	-11.00	0.00393	-20.00	-13.00	0.00413
-20.00	-15.00	0.00430	-20.00	-17.00	0.00443
-20.00	-20.00	0.00457	-20.00	-25.00	0.00462
-20.00	-30.00	0.00451	-20.00	-40.00	0.00405
-20.00	-50.00	0.00349	-20.00	-60.00	0.00296
-20.00	-70.00	0.00249	-20.00	-80.00	0.00208
-20.00	-90.00	0.00174	-20.00	-100.00	0.00146

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 92

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
-10.00	100.00	0.00012	-10.00	90.00	0.00014
-10.00	80.00	0.00016	-10.00	70.00	0.00019
-10.00	60.00	0.00023	-10.00	50.00	0.00029
-10.00	40.00	0.00037	-10.00	30.00	0.00051
-10.00	25.00	0.00060	-10.00	20.00	0.00073
-10.00	17.00	0.00083	-10.00	15.00	0.00091
-10.00	13.00	0.00100	-10.00	11.00	0.00110
-10.00	9.00	0.00121	-10.00	-9.00	0.00272
-10.00	-11.00	0.00288	-10.00	-13.00	0.00303
-10.00	-15.00	0.00317	-10.00	-17.00	0.00329
-10.00	-20.00	0.00345	-10.00	-25.00	0.00363
-10.00	-30.00	0.00370	-10.00	-40.00	0.00355
-10.00	-50.00	0.00320	-10.00	-60.00	0.00280
-10.00	-70.00	0.00241	-10.00	-80.00	0.00205
-10.00	-90.00	0.00174	-10.00	-100.00	0.00148
0.00	100.00	0.00011	0.00	90.00	0.00013

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

0.00	80.00	0.00015	0.00	70.00	0.00018
0.00	60.00	0.00022	0.00	50.00	0.00027
0.00	40.00	0.00035	0.00	30.00	0.00047
0.00	25.00	0.00055	0.00	20.00	0.00066
0.00	17.00	0.00074	0.00	15.00	0.00080
0.00	13.00	0.00086	0.00	11.00	0.00094
0.00	9.00	0.00103	0.00	-9.00	0.00207
0.00	-11.00	0.00219	0.00	-13.00	0.00230
0.00	-15.00	0.00240	0.00	-17.00	0.00250
0.00	-20.00	0.00263	0.00	-25.00	0.00281
0.00	-30.00	0.00294	0.00	-40.00	0.00300
0.00	-50.00	0.00284	0.00	-60.00	0.00257
0.00	-70.00	0.00227	0.00	-80.00	0.00198
0.00	-90.00	0.00171	0.00	-100.00	0.00148
10.00	100.00	0.00011	10.00	90.00	0.00012
10.00	80.00	0.00014	10.00	70.00	0.00017
10.00	60.00	0.00020	10.00	50.00	0.00025
10.00	40.00	0.00032	10.00	30.00	0.00043
10.00	25.00	0.00050	10.00	20.00	0.00059
10.00	17.00	0.00065	10.00	15.00	0.00070
10.00	13.00	0.00075	10.00	11.00	0.00081
10.00	9.00	0.00088	10.00	-9.00	0.00163
10.00	-11.00	0.00172	10.00	-13.00	0.00180
10.00	-15.00	0.00187	10.00	-17.00	0.00195

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
10.00	-20.00	0.00205	10.00	-25.00	0.00221
10.00	-30.00	0.00233	10.00	-40.00	0.00247
10.00	-50.00	0.00245	10.00	-60.00	0.00231
10.00	-70.00	0.00210	10.00	-80.00	0.00188
10.00	-90.00	0.00165	10.00	-100.00	0.00145
20.00	100.00	0.00010	20.00	90.00	0.00011
20.00	80.00	0.00013	20.00	70.00	0.00016
20.00	60.00	0.00019	20.00	50.00	0.00024
20.00	40.00	0.00030	20.00	30.00	0.00039
20.00	25.00	0.00045	20.00	20.00	0.00052

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

20.00	17.00	0.00058	20.00	15.00	0.00062
20.00	13.00	0.00066	20.00	11.00	0.00070
20.00	9.00	0.00075	20.00	-9.00	0.00131
20.00	-11.00	0.00138	20.00	-13.00	0.00144
20.00	-15.00	0.00150	20.00	-17.00	0.00156
20.00	-20.00	0.00164	20.00	-25.00	0.00176
20.00	-30.00	0.00187	20.00	-40.00	0.00203
20.00	-50.00	0.00208	20.00	-60.00	0.00203
20.00	-70.00	0.00191	20.00	-80.00	0.00175
20.00	-90.00	0.00157	20.00	-100.00	0.00140
30.00	100.00	0.00009	30.00	90.00	0.00011
30.00	80.00	0.00012	30.00	70.00	0.00015
30.00	60.00	0.00018	30.00	50.00	0.00022
30.00	40.00	0.00028	30.00	30.00	0.00036
30.00	25.00	0.00041	30.00	20.00	0.00047
30.00	17.00	0.00051	30.00	15.00	0.00054
30.00	13.00	0.00058	30.00	11.00	0.00062
30.00	9.00	0.00065	30.00	-9.00	0.00108
30.00	-11.00	0.00113	30.00	-13.00	0.00118
30.00	-15.00	0.00123	30.00	-17.00	0.00127
30.00	-20.00	0.00134	30.00	-25.00	0.00144
30.00	-30.00	0.00152	30.00	-40.00	0.00167
30.00	-50.00	0.00175	30.00	-60.00	0.00176
30.00	-70.00	0.00171	30.00	-80.00	0.00160
30.00	-90.00	0.00147	30.00	-100.00	0.00133
40.00	100.00	0.00009	40.00	90.00	0.00010
40.00	80.00	0.00012	40.00	70.00	0.00014
40.00	60.00	0.00017	40.00	50.00	0.00021
40.00	40.00	0.00026	40.00	30.00	0.00033
40.00	25.00	0.00037	40.00	20.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 94
 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
40.00	17.00	0.00046	40.00	15.00	0.00048
40.00	13.00	0.00051	40.00	11.00	0.00054
40.00	9.00	0.00057	40.00	-9.00	0.00091
40.00	-11.00	0.00095	40.00	-13.00	0.00098

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

40.00	-15.00	0.00102	40.00	-17.00	0.00106
40.00	-20.00	0.00111	40.00	-25.00	0.00119
40.00	-30.00	0.00126	40.00	-40.00	0.00139
40.00	-50.00	0.00148	40.00	-60.00	0.00152
40.00	-70.00	0.00151	40.00	-80.00	0.00145
40.00	-90.00	0.00136	40.00	-100.00	0.00125
50.00	100.00	0.00008	50.00	90.00	0.00010
50.00	80.00	0.00011	50.00	70.00	0.00014
50.00	60.00	0.00016	50.00	50.00	0.00020
50.00	40.00	0.00024	50.00	30.00	0.00030
50.00	25.00	0.00034	50.00	20.00	0.00038
50.00	17.00	0.00041	50.00	15.00	0.00043
50.00	13.00	0.00045	50.00	11.00	0.00048
50.00	9.00	0.00050	50.00	-9.00	0.00077
50.00	-11.00	0.00080	50.00	-13.00	0.00083
50.00	-15.00	0.00086	50.00	-17.00	0.00089
50.00	-20.00	0.00094	50.00	-25.00	0.00100
50.00	-30.00	0.00106	50.00	-40.00	0.00117
50.00	-50.00	0.00125	50.00	-60.00	0.00131
50.00	-70.00	0.00132	50.00	-80.00	0.00130
50.00	-90.00	0.00124	50.00	-100.00	0.00117
60.00	100.00	0.00008	60.00	90.00	0.00009
60.00	80.00	0.00011	60.00	70.00	0.00013
60.00	60.00	0.00016	60.00	50.00	0.00019
60.00	40.00	0.00022	60.00	30.00	0.00027
60.00	25.00	0.00031	60.00	20.00	0.00034
60.00	17.00	0.00037	60.00	15.00	0.00039
60.00	13.00	0.00041	60.00	11.00	0.00043
60.00	9.00	0.00045	60.00	-9.00	0.00066
60.00	-11.00	0.00069	60.00	-13.00	0.00071
60.00	-15.00	0.00074	60.00	-17.00	0.00076
60.00	-20.00	0.00080	60.00	-25.00	0.00085
60.00	-30.00	0.00090	60.00	-40.00	0.00100
60.00	-50.00	0.00107	60.00	-60.00	0.00113
60.00	-70.00	0.00116	60.00	-80.00	0.00116
60.00	-90.00	0.00113	60.00	-100.00	0.00108

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 95

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 ***

08NCRA PL93-300 DPM TRAV ANN E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00008	70.00	90.00	0.00009
70.00	80.00	0.00011	70.00	70.00	0.00013
70.00	60.00	0.00015	70.00	50.00	0.00017
70.00	40.00	0.00021	70.00	30.00	0.00025
70.00	25.00	0.00028	70.00	20.00	0.00031
70.00	17.00	0.00033	70.00	15.00	0.00035
70.00	13.00	0.00037	70.00	11.00	0.00038
70.00	9.00	0.00040	70.00	-9.00	0.00058
70.00	-11.00	0.00060	70.00	-13.00	0.00062
70.00	-15.00	0.00064	70.00	-17.00	0.00066
70.00	-20.00	0.00069	70.00	-25.00	0.00074
70.00	-30.00	0.00078	70.00	-40.00	0.00086
70.00	-50.00	0.00092	70.00	-60.00	0.00098
70.00	-70.00	0.00101	70.00	-80.00	0.00103
70.00	-90.00	0.00102	70.00	-100.00	0.00099
80.00	100.00	0.00008	80.00	90.00	0.00009
80.00	80.00	0.00010	80.00	70.00	0.00012
80.00	60.00	0.00014	80.00	50.00	0.00016
80.00	40.00	0.00019	80.00	30.00	0.00023
80.00	25.00	0.00026	80.00	20.00	0.00029
80.00	17.00	0.00030	80.00	15.00	0.00032
80.00	13.00	0.00033	80.00	11.00	0.00035
80.00	9.00	0.00036	80.00	-9.00	0.00051
80.00	-11.00	0.00052	80.00	-13.00	0.00054
80.00	-15.00	0.00056	80.00	-17.00	0.00058
80.00	-20.00	0.00060	80.00	-25.00	0.00064
80.00	-30.00	0.00068	80.00	-40.00	0.00074
80.00	-50.00	0.00080	80.00	-60.00	0.00085
80.00	-70.00	0.00089	80.00	-80.00	0.00091
80.00	-90.00	0.00091	80.00	-100.00	0.00090
90.00	100.00	0.00007	90.00	90.00	0.00009
90.00	80.00	0.00010	90.00	70.00	0.00011
90.00	60.00	0.00013	90.00	50.00	0.00015
90.00	40.00	0.00018	90.00	30.00	0.00022
90.00	25.00	0.00024	90.00	20.00	0.00026
90.00	17.00	0.00028	90.00	15.00	0.00029
90.00	13.00	0.00030	90.00	11.00	0.00031
90.00	9.00	0.00033	90.00	-9.00	0.00045
90.00	-11.00	0.00046	90.00	-13.00	0.00048
90.00	-15.00	0.00049	90.00	-17.00	0.00051

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTS:
PAGE 96

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00053	90.00	-25.00	0.00056
90.00	-30.00	0.00059	90.00	-40.00	0.00065
90.00	-50.00	0.00070	90.00	-60.00	0.00075
90.00	-70.00	0.00078	90.00	-80.00	0.00081
90.00	-90.00	0.00082	90.00	-100.00	0.00082
100.00	100.00	0.00007	100.00	90.00	0.00008
100.00	80.00	0.00009	100.00	70.00	0.00011
100.00	60.00	0.00012	100.00	50.00	0.00014
100.00	40.00	0.00017	100.00	30.00	0.00020
100.00	25.00	0.00022	100.00	20.00	0.00024
100.00	17.00	0.00025	100.00	15.00	0.00026
100.00	13.00	0.00027	100.00	11.00	0.00028
100.00	9.00	0.00030	100.00	-9.00	0.00040
100.00	-11.00	0.00041	100.00	-13.00	0.00043
100.00	-15.00	0.00044	100.00	-17.00	0.00045
100.00	-20.00	0.00047	100.00	-25.00	0.00050
100.00	-30.00	0.00053	100.00	-40.00	0.00058
100.00	-50.00	0.00062	100.00	-60.00	0.00066
100.00	-70.00	0.00069	100.00	-80.00	0.00072
100.00	-90.00	0.00074	100.00	-100.00	0.00074
110.00	100.00	0.00007	110.00	90.00	0.00008
110.00	80.00	0.00009	110.00	70.00	0.00010
110.00	60.00	0.00012	110.00	50.00	0.00014
110.00	40.00	0.00016	110.00	30.00	0.00019
110.00	25.00	0.00020	110.00	20.00	0.00022
110.00	17.00	0.00023	110.00	15.00	0.00024
110.00	13.00	0.00025	110.00	11.00	0.00026
110.00	9.00	0.00027	110.00	-9.00	0.00036
110.00	-11.00	0.00037	110.00	-13.00	0.00038
110.00	-15.00	0.00039	110.00	-17.00	0.00040
110.00	-20.00	0.00042	110.00	-25.00	0.00044
110.00	-30.00	0.00047	110.00	-40.00	0.00051
110.00	-50.00	0.00055	110.00	-60.00	0.00059
110.00	-70.00	0.00062	110.00	-80.00	0.00064
110.00	-90.00	0.00066	110.00	-100.00	0.00067
120.00	100.00	0.00007	120.00	90.00	0.00008

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

120.00	80.00	0.00009	120.00	70.00	0.00010
120.00	60.00	0.00011	120.00	50.00	0.00013
120.00	40.00	0.00015	120.00	30.00	0.00017
120.00	25.00	0.00019	120.00	20.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
120.00	17.00	0.00022	120.00	15.00	0.00022
120.00	13.00	0.00023	120.00	11.00	0.00024
120.00	9.00	0.00025	120.00	-9.00	0.00032
120.00	-11.00	0.00033	120.00	-13.00	0.00034
120.00	-15.00	0.00035	120.00	-17.00	0.00036
120.00	-20.00	0.00038	120.00	-25.00	0.00040
120.00	-30.00	0.00042	120.00	-40.00	0.00046
120.00	-50.00	0.00049	120.00	-60.00	0.00052
120.00	-70.00	0.00055	120.00	-80.00	0.00058
120.00	-90.00	0.00060	120.00	-100.00	0.00061
130.00	100.00	0.00007	130.00	90.00	0.00007
130.00	80.00	0.00008	130.00	70.00	0.00009
130.00	60.00	0.00011	130.00	50.00	0.00012
130.00	40.00	0.00014	130.00	30.00	0.00016
130.00	25.00	0.00018	130.00	20.00	0.00019
130.00	17.00	0.00020	130.00	15.00	0.00021
130.00	13.00	0.00021	130.00	11.00	0.00022
130.00	9.00	0.00023	130.00	-9.00	0.00029
130.00	-11.00	0.00030	130.00	-13.00	0.00031
130.00	-15.00	0.00032	130.00	-17.00	0.00033
130.00	-20.00	0.00034	130.00	-25.00	0.00036
130.00	-30.00	0.00038	130.00	-40.00	0.00041
130.00	-50.00	0.00044	130.00	-60.00	0.00047
130.00	-70.00	0.00050	130.00	-80.00	0.00052
130.00	-90.00	0.00054	130.00	-100.00	0.00055
140.00	100.00	0.00006	140.00	90.00	0.00007
140.00	80.00	0.00008	140.00	70.00	0.00009
140.00	60.00	0.00010	140.00	50.00	0.00011
140.00	40.00	0.00013	140.00	30.00	0.00015
140.00	25.00	0.00016	140.00	20.00	0.00018

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

140.00	17.00	0.00019	140.00	15.00	0.00019
140.00	13.00	0.00020	140.00	11.00	0.00020
140.00	9.00	0.00021	140.00	-9.00	0.00027
140.00	-11.00	0.00028	140.00	-13.00	0.00028
140.00	-15.00	0.00029	140.00	-17.00	0.00030
140.00	-20.00	0.00031	140.00	-25.00	0.00032
140.00	-30.00	0.00034	140.00	-40.00	0.00037
140.00	-50.00	0.00040	140.00	-60.00	0.00043
140.00	-70.00	0.00045	140.00	-80.00	0.00047
140.00	-90.00	0.00049	140.00	-100.00	0.00050

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 98

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
150.00	100.00	0.00006	150.00	90.00	0.00007
150.00	80.00	0.00008	150.00	70.00	0.00008
150.00	60.00	0.00010	150.00	50.00	0.00011
150.00	40.00	0.00012	150.00	30.00	0.00014
150.00	25.00	0.00015	150.00	20.00	0.00017
150.00	17.00	0.00017	150.00	15.00	0.00018
150.00	13.00	0.00018	150.00	11.00	0.00019
150.00	9.00	0.00019	150.00	-9.00	0.00025
150.00	-11.00	0.00025	150.00	-13.00	0.00026
150.00	-15.00	0.00026	150.00	-17.00	0.00027
150.00	-20.00	0.00028	150.00	-25.00	0.00030
150.00	-30.00	0.00031	150.00	-40.00	0.00034
150.00	-50.00	0.00036	150.00	-60.00	0.00039
150.00	-70.00	0.00041	150.00	-80.00	0.00043
150.00	-90.00	0.00044	150.00	-100.00	0.00046
160.00	100.00	0.00006	160.00	90.00	0.00007
160.00	80.00	0.00007	160.00	70.00	0.00008
160.00	60.00	0.00009	160.00	50.00	0.00010
160.00	40.00	0.00012	160.00	30.00	0.00013
160.00	25.00	0.00014	160.00	20.00	0.00015
160.00	17.00	0.00016	160.00	15.00	0.00017
160.00	13.00	0.00017	160.00	11.00	0.00018
160.00	9.00	0.00018	160.00	-9.00	0.00023
160.00	-11.00	0.00023	160.00	-13.00	0.00024

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

160.00	-15.00	0.00024	160.00	-17.00	0.00025
160.00	-20.00	0.00026	160.00	-25.00	0.00027
160.00	-30.00	0.00028	160.00	-40.00	0.00031
160.00	-50.00	0.00033	160.00	-60.00	0.00035
160.00	-70.00	0.00037	160.00	-80.00	0.00039
160.00	-90.00	0.00040	160.00	-100.00	0.00042
170.00	100.00	0.00006	170.00	90.00	0.00006
170.00	80.00	0.00007	170.00	70.00	0.00008
170.00	60.00	0.00009	170.00	50.00	0.00010
170.00	40.00	0.00011	170.00	30.00	0.00013
170.00	25.00	0.00014	170.00	20.00	0.00014
170.00	17.00	0.00015	170.00	15.00	0.00015
170.00	13.00	0.00016	170.00	11.00	0.00016
170.00	9.00	0.00017	170.00	-9.00	0.00021
170.00	-11.00	0.00021	170.00	-13.00	0.00022
170.00	-15.00	0.00022	170.00	-17.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 99

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00024	170.00	-25.00	0.00025
170.00	-30.00	0.00026	170.00	-40.00	0.00028
170.00	-50.00	0.00030	170.00	-60.00	0.00032
170.00	-70.00	0.00034	170.00	-80.00	0.00036
170.00	-90.00	0.00037	170.00	-100.00	0.00038
180.00	100.00	0.00006	180.00	90.00	0.00006
180.00	80.00	0.00007	180.00	70.00	0.00007
180.00	60.00	0.00008	180.00	50.00	0.00009
180.00	40.00	0.00011	180.00	30.00	0.00012
180.00	25.00	0.00013	180.00	20.00	0.00014
180.00	17.00	0.00014	180.00	15.00	0.00015
180.00	13.00	0.00015	180.00	11.00	0.00015
180.00	9.00	0.00016	180.00	-9.00	0.00019
180.00	-11.00	0.00020	180.00	-13.00	0.00020
180.00	-15.00	0.00021	180.00	-17.00	0.00021
180.00	-20.00	0.00022	180.00	-25.00	0.00023
180.00	-30.00	0.00024	180.00	-40.00	0.00026
180.00	-50.00	0.00028	180.00	-60.00	0.00030

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

180.00	-70.00	0.00031	180.00	-80.00	0.00033
180.00	-90.00	0.00034	180.00	-100.00	0.00035
190.00	100.00	0.00005	190.00	90.00	0.00006
190.00	80.00	0.00006	190.00	70.00	0.00007
190.00	60.00	0.00008	190.00	50.00	0.00009
190.00	40.00	0.00010	190.00	30.00	0.00011
190.00	25.00	0.00012	190.00	20.00	0.00013
190.00	17.00	0.00013	190.00	15.00	0.00014
190.00	13.00	0.00014	190.00	11.00	0.00014
190.00	9.00	0.00015	190.00	-9.00	0.00018
190.00	-11.00	0.00018	190.00	-13.00	0.00019
190.00	-15.00	0.00019	190.00	-17.00	0.00020
190.00	-20.00	0.00020	190.00	-25.00	0.00021
190.00	-30.00	0.00022	190.00	-40.00	0.00024
190.00	-50.00	0.00026	190.00	-60.00	0.00027
190.00	-70.00	0.00029	190.00	-80.00	0.00030
190.00	-90.00	0.00031	190.00	-100.00	0.00032
200.00	100.00	0.00005	200.00	90.00	0.00006
200.00	80.00	0.00006	200.00	70.00	0.00007
200.00	60.00	0.00008	200.00	50.00	0.00008
200.00	40.00	0.00009	200.00	30.00	0.00011
200.00	25.00	0.00011	200.00	20.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 10:44:12 *** Maximum train overlap at East/West Bound Direction ***

**MODELOPTs:
 PAGE 100

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00013	200.00	15.00	0.00013
200.00	13.00	0.00013	200.00	11.00	0.00013
200.00	9.00	0.00014	200.00	-9.00	0.00017
200.00	-11.00	0.00017	200.00	-13.00	0.00017
200.00	-15.00	0.00018	200.00	-17.00	0.00018
200.00	-20.00	0.00019	200.00	-25.00	0.00020
200.00	-30.00	0.00020	200.00	-40.00	0.00022
200.00	-50.00	0.00024	200.00	-60.00	0.00025
200.00	-70.00	0.00026	200.00	-80.00	0.00028
200.00	-90.00	0.00029	200.00	-100.00	0.00030
210.00	100.00	0.00005	210.00	90.00	0.00005
210.00	80.00	0.00006	210.00	70.00	0.00007

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

210.00	60.00	0.00007	210.00	50.00	0.00008
210.00	40.00	0.00009	210.00	30.00	0.00010
210.00	25.00	0.00011	210.00	20.00	0.00011
210.00	17.00	0.00012	210.00	15.00	0.00012
210.00	13.00	0.00012	210.00	11.00	0.00013
210.00	9.00	0.00013	210.00	-9.00	0.00016
210.00	-11.00	0.00016	210.00	-13.00	0.00016
210.00	-15.00	0.00017	210.00	-17.00	0.00017
210.00	-20.00	0.00017	210.00	-25.00	0.00018
210.00	-30.00	0.00019	210.00	-40.00	0.00021
210.00	-50.00	0.00022	210.00	-60.00	0.00023
210.00	-70.00	0.00025	210.00	-80.00	0.00026
210.00	-90.00	0.00027	210.00	-100.00	0.00028
220.00	100.00	0.00005	220.00	90.00	0.00005
220.00	80.00	0.00006	220.00	70.00	0.00006
220.00	60.00	0.00007	220.00	50.00	0.00008
220.00	40.00	0.00009	220.00	30.00	0.00010
220.00	25.00	0.00010	220.00	20.00	0.00011
220.00	17.00	0.00011	220.00	15.00	0.00011
220.00	13.00	0.00012	220.00	11.00	0.00012
220.00	9.00	0.00012	220.00	-9.00	0.00015
220.00	-11.00	0.00015	220.00	-13.00	0.00015
220.00	-15.00	0.00016	220.00	-17.00	0.00016
220.00	-20.00	0.00016	220.00	-25.00	0.00017
220.00	-30.00	0.00018	220.00	-40.00	0.00019
220.00	-50.00	0.00020	220.00	-60.00	0.00022
220.00	-70.00	0.00023	220.00	-80.00	0.00024
220.00	-90.00	0.00025	220.00	-100.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**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
230.00	100.00	0.00005	230.00	90.00	0.00005
230.00	80.00	0.00005	230.00	70.00	0.00006
230.00	60.00	0.00007	230.00	50.00	0.00007
230.00	40.00	0.00008	230.00	30.00	0.00009
230.00	25.00	0.00010	230.00	20.00	0.00010
230.00	17.00	0.00011	230.00	15.00	0.00011

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

230.00	13.00	0.00011	230.00	11.00	0.00011
230.00	9.00	0.00011	230.00	-9.00	0.00014
230.00	-11.00	0.00014	230.00	-13.00	0.00014
230.00	-15.00	0.00015	230.00	-17.00	0.00015
230.00	-20.00	0.00015	230.00	-25.00	0.00016
230.00	-30.00	0.00017	230.00	-40.00	0.00018
230.00	-50.00	0.00019	230.00	-60.00	0.00020
230.00	-70.00	0.00021	230.00	-80.00	0.00022
230.00	-90.00	0.00023	230.00	-100.00	0.00024
240.00	100.00	0.00004	240.00	90.00	0.00005
240.00	80.00	0.00005	240.00	70.00	0.00006
240.00	60.00	0.00006	240.00	50.00	0.00007
240.00	40.00	0.00008	240.00	30.00	0.00009
240.00	25.00	0.00009	240.00	20.00	0.00010
240.00	17.00	0.00010	240.00	15.00	0.00010
240.00	13.00	0.00010	240.00	11.00	0.00011
240.00	9.00	0.00011	240.00	-9.00	0.00013
240.00	-11.00	0.00013	240.00	-13.00	0.00013
240.00	-15.00	0.00014	240.00	-17.00	0.00014
240.00	-20.00	0.00014	240.00	-25.00	0.00015
240.00	-30.00	0.00015	240.00	-40.00	0.00017
240.00	-50.00	0.00018	240.00	-60.00	0.00019
240.00	-70.00	0.00020	240.00	-80.00	0.00021
240.00	-90.00	0.00022	240.00	-100.00	0.00022
250.00	100.00	0.00004	250.00	90.00	0.00005
250.00	80.00	0.00005	250.00	70.00	0.00006
250.00	60.00	0.00006	250.00	50.00	0.00007
250.00	40.00	0.00007	250.00	30.00	0.00008
250.00	25.00	0.00009	250.00	20.00	0.00009
250.00	17.00	0.00009	250.00	15.00	0.00010
250.00	13.00	0.00010	250.00	11.00	0.00010
250.00	9.00	0.00010	250.00	-9.00	0.00012
250.00	-11.00	0.00012	250.00	-13.00	0.00013
250.00	-15.00	0.00013	250.00	-17.00	0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 102

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
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08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

250.00	-20.00	0.00013	250.00	-25.00	0.00014
250.00	-30.00	0.00015	250.00	-40.00	0.00016
250.00	-50.00	0.00017	250.00	-60.00	0.00018
250.00	-70.00	0.00019	250.00	-80.00	0.00019
250.00	-90.00	0.00020	250.00	-100.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
-250.00	100.00	0.00038	-250.00	90.00	0.00046
-250.00	80.00	0.00055	-250.00	70.00	0.00066
-250.00	60.00	0.00080	-250.00	50.00	0.00096
-250.00	40.00	0.00114	-250.00	30.00	0.00131
-250.00	25.00	0.00138	-250.00	20.00	0.00143
-250.00	17.00	0.00143	-250.00	15.00	0.00143
-250.00	13.00	0.00142	-250.00	11.00	0.00139
-250.00	9.00	0.00136	-250.00	-9.00	0.00076
-250.00	-11.00	0.00071	-250.00	-13.00	0.00067
-250.00	-15.00	0.00063	-250.00	-17.00	0.00061
-250.00	-20.00	0.00057	-250.00	-25.00	0.00053
-250.00	-30.00	0.00051	-250.00	-40.00	0.00048
-250.00	-50.00	0.00046	-250.00	-60.00	0.00043
-250.00	-70.00	0.00040	-250.00	-80.00	0.00037
-250.00	-90.00	0.00035	-250.00	-100.00	0.00032
-240.00	100.00	0.00037	-240.00	90.00	0.00045
-240.00	80.00	0.00054	-240.00	70.00	0.00066
-240.00	60.00	0.00082	-240.00	50.00	0.00102
-240.00	40.00	0.00126	-240.00	30.00	0.00152
-240.00	25.00	0.00166	-240.00	20.00	0.00177
-240.00	17.00	0.00181	-240.00	15.00	0.00183
-240.00	13.00	0.00183	-240.00	11.00	0.00182
-240.00	9.00	0.00178	-240.00	-9.00	0.00087
-240.00	-11.00	0.00081	-240.00	-13.00	0.00077
-240.00	-15.00	0.00073	-240.00	-17.00	0.00071
-240.00	-20.00	0.00068	-240.00	-25.00	0.00066
-240.00	-30.00	0.00064	-240.00	-40.00	0.00060
-240.00	-50.00	0.00056	-240.00	-60.00	0.00052
-240.00	-70.00	0.00048	-240.00	-80.00	0.00044

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-240.00	-90.00	0.00041	-240.00	-100.00	0.00037
-230.00	100.00	0.00035	-230.00	90.00	0.00043
-230.00	80.00	0.00053	-230.00	70.00	0.00065
-230.00	60.00	0.00082	-230.00	50.00	0.00103
-230.00	40.00	0.00131	-230.00	30.00	0.00165
-230.00	25.00	0.00185	-230.00	20.00	0.00206
-230.00	17.00	0.00218	-230.00	15.00	0.00225
-230.00	13.00	0.00232	-230.00	11.00	0.00238
-230.00	9.00	0.00240	-230.00	-9.00	0.00107
-230.00	-11.00	0.00101	-230.00	-13.00	0.00097
-230.00	-15.00	0.00094	-230.00	-17.00	0.00091

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 104
 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
-230.00	-20.00	0.00088	-230.00	-25.00	0.00085
-230.00	-30.00	0.00082	-230.00	-40.00	0.00076
-230.00	-50.00	0.00070	-230.00	-60.00	0.00064
-230.00	-70.00	0.00058	-230.00	-80.00	0.00053
-230.00	-90.00	0.00048	-230.00	-100.00	0.00043
-220.00	100.00	0.00033	-220.00	90.00	0.00041
-220.00	80.00	0.00050	-220.00	70.00	0.00063
-220.00	60.00	0.00079	-220.00	50.00	0.00102
-220.00	40.00	0.00131	-220.00	30.00	0.00169
-220.00	25.00	0.00192	-220.00	20.00	0.00217
-220.00	17.00	0.00232	-220.00	15.00	0.00242
-220.00	13.00	0.00253	-220.00	11.00	0.00265
-220.00	9.00	0.00277	-220.00	-9.00	0.00195
-220.00	-11.00	0.00170	-220.00	-13.00	0.00154
-220.00	-15.00	0.00144	-220.00	-17.00	0.00136
-220.00	-20.00	0.00128	-220.00	-25.00	0.00118
-220.00	-30.00	0.00111	-220.00	-40.00	0.00100
-220.00	-50.00	0.00089	-220.00	-60.00	0.00079
-220.00	-70.00	0.00070	-220.00	-80.00	0.00063
-220.00	-90.00	0.00056	-220.00	-100.00	0.00050
-210.00	100.00	0.00031	-210.00	90.00	0.00038
-210.00	80.00	0.00047	-210.00	70.00	0.00059
-210.00	60.00	0.00075	-210.00	50.00	0.00098

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-170.00	-30.00	0.00477	-170.00	-40.00	0.00365
-170.00	-50.00	0.00279	-170.00	-60.00	0.00216
-170.00	-70.00	0.00171	-170.00	-80.00	0.00138
-170.00	-90.00	0.00114	-170.00	-100.00	0.00095
-160.00	100.00	0.00018	-160.00	90.00	0.00022
-160.00	80.00	0.00027	-160.00	70.00	0.00033
-160.00	60.00	0.00042	-160.00	50.00	0.00055
-160.00	40.00	0.00076	-160.00	30.00	0.00112
-160.00	25.00	0.00139	-160.00	20.00	0.00174
-160.00	17.00	0.00201	-160.00	15.00	0.00222
-160.00	13.00	0.00246	-160.00	11.00	0.00274
-160.00	9.00	0.00310	-160.00	-9.00	0.00809
-160.00	-11.00	0.00773	-160.00	-13.00	0.00744
-160.00	-15.00	0.00716	-160.00	-17.00	0.00689
-160.00	-20.00	0.00648	-160.00	-25.00	0.00583
-160.00	-30.00	0.00521	-160.00	-40.00	0.00408
-160.00	-50.00	0.00316	-160.00	-60.00	0.00246
-160.00	-70.00	0.00194	-160.00	-80.00	0.00156
-160.00	-90.00	0.00128	-160.00	-100.00	0.00106
-150.00	100.00	0.00017	-150.00	90.00	0.00020
-150.00	80.00	0.00024	-150.00	70.00	0.00029
-150.00	60.00	0.00036	-150.00	50.00	0.00047
-150.00	40.00	0.00063	-150.00	30.00	0.00090
-150.00	25.00	0.00112	-150.00	20.00	0.00143
-150.00	17.00	0.00167	-150.00	15.00	0.00187
-150.00	13.00	0.00210	-150.00	11.00	0.00239
-150.00	9.00	0.00275	-150.00	-9.00	0.00823
-150.00	-11.00	0.00790	-150.00	-13.00	0.00762
-150.00	-15.00	0.00736	-150.00	-17.00	0.00710

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**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
-150.00	-20.00	0.00671	-150.00	-25.00	0.00607
-150.00	-30.00	0.00547	-150.00	-40.00	0.00437
-150.00	-50.00	0.00345	-150.00	-60.00	0.00271
-150.00	-70.00	0.00215	-150.00	-80.00	0.00173
-150.00	-90.00	0.00141	-150.00	-100.00	0.00117

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-140.00	100.00	0.00016	-140.00	90.00	0.00019
-140.00	80.00	0.00022	-140.00	70.00	0.00026
-140.00	60.00	0.00032	-140.00	50.00	0.00041
-140.00	40.00	0.00054	-140.00	30.00	0.00076
-140.00	25.00	0.00092	-140.00	20.00	0.00114
-140.00	17.00	0.00132	-140.00	15.00	0.00147
-140.00	13.00	0.00165	-140.00	11.00	0.00188
-140.00	9.00	0.00220	-140.00	-9.00	0.00824
-140.00	-11.00	0.00792	-140.00	-13.00	0.00762
-140.00	-15.00	0.00738	-140.00	-17.00	0.00713
-140.00	-20.00	0.00676	-140.00	-25.00	0.00616
-140.00	-30.00	0.00559	-140.00	-40.00	0.00454
-140.00	-50.00	0.00364	-140.00	-60.00	0.00290
-140.00	-70.00	0.00232	-140.00	-80.00	0.00187
-140.00	-90.00	0.00153	-140.00	-100.00	0.00126
-130.00	100.00	0.00015	-130.00	90.00	0.00017
-130.00	80.00	0.00020	-130.00	70.00	0.00024
-130.00	60.00	0.00030	-130.00	50.00	0.00037
-130.00	40.00	0.00049	-130.00	30.00	0.00068
-130.00	25.00	0.00082	-130.00	20.00	0.00101
-130.00	17.00	0.00116	-130.00	15.00	0.00129
-130.00	13.00	0.00144	-130.00	11.00	0.00163
-130.00	9.00	0.00187	-130.00	-9.00	0.00744
-130.00	-11.00	0.00739	-130.00	-13.00	0.00723
-130.00	-15.00	0.00704	-130.00	-17.00	0.00686
-130.00	-20.00	0.00656	-130.00	-25.00	0.00604
-130.00	-30.00	0.00552	-130.00	-40.00	0.00456
-130.00	-50.00	0.00372	-130.00	-60.00	0.00301
-130.00	-70.00	0.00244	-130.00	-80.00	0.00198
-130.00	-90.00	0.00162	-130.00	-100.00	0.00135
-120.00	100.00	0.00014	-120.00	90.00	0.00016
-120.00	80.00	0.00019	-120.00	70.00	0.00022
-120.00	60.00	0.00027	-120.00	50.00	0.00034
-120.00	40.00	0.00045	-120.00	30.00	0.00061
-120.00	25.00	0.00073	-120.00	20.00	0.00090

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***
 10:44:12
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

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

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00103	-120.00	15.00	0.00115
-120.00	13.00	0.00128	-120.00	11.00	0.00145
-120.00	9.00	0.00166	-120.00	-9.00	0.00528
-120.00	-11.00	0.00555	-120.00	-13.00	0.00573
-120.00	-15.00	0.00583	-120.00	-17.00	0.00585
-120.00	-20.00	0.00579	-120.00	-25.00	0.00553
-120.00	-30.00	0.00517	-120.00	-40.00	0.00440
-120.00	-50.00	0.00368	-120.00	-60.00	0.00304
-120.00	-70.00	0.00250	-120.00	-80.00	0.00206
-120.00	-90.00	0.00170	-120.00	-100.00	0.00141
-110.00	100.00	0.00013	-110.00	90.00	0.00015
-110.00	80.00	0.00017	-110.00	70.00	0.00021
-110.00	60.00	0.00025	-110.00	50.00	0.00032
-110.00	40.00	0.00041	-110.00	30.00	0.00055
-110.00	25.00	0.00066	-110.00	20.00	0.00081
-110.00	17.00	0.00093	-110.00	15.00	0.00103
-110.00	13.00	0.00114	-110.00	11.00	0.00127
-110.00	9.00	0.00143	-110.00	-9.00	0.00371
-110.00	-11.00	0.00393	-110.00	-13.00	0.00413
-110.00	-15.00	0.00430	-110.00	-17.00	0.00443
-110.00	-20.00	0.00457	-110.00	-25.00	0.00462
-110.00	-30.00	0.00451	-110.00	-40.00	0.00405
-110.00	-50.00	0.00349	-110.00	-60.00	0.00296
-110.00	-70.00	0.00249	-110.00	-80.00	0.00208
-110.00	-90.00	0.00174	-110.00	-100.00	0.00146
-100.00	100.00	0.00012	-100.00	90.00	0.00014
-100.00	80.00	0.00016	-100.00	70.00	0.00019
-100.00	60.00	0.00023	-100.00	50.00	0.00029
-100.00	40.00	0.00037	-100.00	30.00	0.00051
-100.00	25.00	0.00060	-100.00	20.00	0.00073
-100.00	17.00	0.00083	-100.00	15.00	0.00091
-100.00	13.00	0.00100	-100.00	11.00	0.00110
-100.00	9.00	0.00121	-100.00	-9.00	0.00272
-100.00	-11.00	0.00288	-100.00	-13.00	0.00303
-100.00	-15.00	0.00317	-100.00	-17.00	0.00329
-100.00	-20.00	0.00345	-100.00	-25.00	0.00363
-100.00	-30.00	0.00370	-100.00	-40.00	0.00355
-100.00	-50.00	0.00320	-100.00	-60.00	0.00280
-100.00	-70.00	0.00241	-100.00	-80.00	0.00205
-100.00	-90.00	0.00174	-100.00	-100.00	0.00148

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:

*** 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
-90.00	100.00	0.00011	-90.00	90.00	0.00013
-90.00	80.00	0.00015	-90.00	70.00	0.00018
-90.00	60.00	0.00022	-90.00	50.00	0.00027
-90.00	40.00	0.00035	-90.00	30.00	0.00047
-90.00	25.00	0.00055	-90.00	20.00	0.00066
-90.00	17.00	0.00074	-90.00	15.00	0.00080
-90.00	13.00	0.00086	-90.00	11.00	0.00094
-90.00	9.00	0.00103	-90.00	-9.00	0.00207
-90.00	-11.00	0.00219	-90.00	-13.00	0.00230
-90.00	-15.00	0.00240	-90.00	-17.00	0.00250
-90.00	-20.00	0.00263	-90.00	-25.00	0.00281
-90.00	-30.00	0.00294	-90.00	-40.00	0.00300
-90.00	-50.00	0.00284	-90.00	-60.00	0.00257
-90.00	-70.00	0.00227	-90.00	-80.00	0.00198
-90.00	-90.00	0.00171	-90.00	-100.00	0.00148
-80.00	100.00	0.00011	-80.00	90.00	0.00012
-80.00	80.00	0.00014	-80.00	70.00	0.00017
-80.00	60.00	0.00020	-80.00	50.00	0.00025
-80.00	40.00	0.00032	-80.00	30.00	0.00043
-80.00	25.00	0.00050	-80.00	20.00	0.00059
-80.00	17.00	0.00065	-80.00	15.00	0.00070
-80.00	13.00	0.00075	-80.00	11.00	0.00081
-80.00	9.00	0.00088	-80.00	-9.00	0.00163
-80.00	-11.00	0.00172	-80.00	-13.00	0.00180
-80.00	-15.00	0.00187	-80.00	-17.00	0.00195
-80.00	-20.00	0.00205	-80.00	-25.00	0.00221
-80.00	-30.00	0.00233	-80.00	-40.00	0.00247
-80.00	-50.00	0.00245	-80.00	-60.00	0.00231
-80.00	-70.00	0.00210	-80.00	-80.00	0.00188
-80.00	-90.00	0.00165	-80.00	-100.00	0.00145
-70.00	100.00	0.00010	-70.00	90.00	0.00011
-70.00	80.00	0.00013	-70.00	70.00	0.00016
-70.00	60.00	0.00019	-70.00	50.00	0.00024
-70.00	40.00	0.00030	-70.00	30.00	0.00039
-70.00	25.00	0.00045	-70.00	20.00	0.00052
-70.00	17.00	0.00058	-70.00	15.00	0.00062
-70.00	13.00	0.00066	-70.00	11.00	0.00070

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-70.00	9.00	0.00075	-70.00	-9.00	0.00131
-70.00	-11.00	0.00138	-70.00	-13.00	0.00144
-70.00	-15.00	0.00150	-70.00	-17.00	0.00156

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 110
 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
-70.00	-20.00	0.00164	-70.00	-25.00	0.00176
-70.00	-30.00	0.00187	-70.00	-40.00	0.00203
-70.00	-50.00	0.00208	-70.00	-60.00	0.00203
-70.00	-70.00	0.00191	-70.00	-80.00	0.00175
-70.00	-90.00	0.00157	-70.00	-100.00	0.00140
-60.00	100.00	0.00009	-60.00	90.00	0.00011
-60.00	80.00	0.00012	-60.00	70.00	0.00015
-60.00	60.00	0.00018	-60.00	50.00	0.00022
-60.00	40.00	0.00028	-60.00	30.00	0.00036
-60.00	25.00	0.00041	-60.00	20.00	0.00047
-60.00	17.00	0.00051	-60.00	15.00	0.00054
-60.00	13.00	0.00058	-60.00	11.00	0.00062
-60.00	9.00	0.00065	-60.00	-9.00	0.00108
-60.00	-11.00	0.00113	-60.00	-13.00	0.00118
-60.00	-15.00	0.00123	-60.00	-17.00	0.00127
-60.00	-20.00	0.00134	-60.00	-25.00	0.00144
-60.00	-30.00	0.00152	-60.00	-40.00	0.00167
-60.00	-50.00	0.00175	-60.00	-60.00	0.00176
-60.00	-70.00	0.00171	-60.00	-80.00	0.00160
-60.00	-90.00	0.00147	-60.00	-100.00	0.00133
-50.00	100.00	0.00009	-50.00	90.00	0.00010
-50.00	80.00	0.00012	-50.00	70.00	0.00014
-50.00	60.00	0.00017	-50.00	50.00	0.00021
-50.00	40.00	0.00026	-50.00	30.00	0.00033
-50.00	25.00	0.00037	-50.00	20.00	0.00042
-50.00	17.00	0.00046	-50.00	15.00	0.00048
-50.00	13.00	0.00051	-50.00	11.00	0.00054
-50.00	9.00	0.00057	-50.00	-9.00	0.00091
-50.00	-11.00	0.00095	-50.00	-13.00	0.00098
-50.00	-15.00	0.00102	-50.00	-17.00	0.00106
-50.00	-20.00	0.00111	-50.00	-25.00	0.00119

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-50.00	-30.00	0.00126	-50.00	-40.00	0.00139
-50.00	-50.00	0.00148	-50.00	-60.00	0.00152
-50.00	-70.00	0.00151	-50.00	-80.00	0.00145
-50.00	-90.00	0.00136	-50.00	-100.00	0.00125
-40.00	100.00	0.00008	-40.00	90.00	0.00010
-40.00	80.00	0.00011	-40.00	70.00	0.00014
-40.00	60.00	0.00016	-40.00	50.00	0.00020
-40.00	40.00	0.00024	-40.00	30.00	0.00030
-40.00	25.00	0.00034	-40.00	20.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 111
 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
-40.00	17.00	0.00041	-40.00	15.00	0.00043
-40.00	13.00	0.00045	-40.00	11.00	0.00048
-40.00	9.00	0.00050	-40.00	-9.00	0.00077
-40.00	-11.00	0.00080	-40.00	-13.00	0.00083
-40.00	-15.00	0.00086	-40.00	-17.00	0.00089
-40.00	-20.00	0.00094	-40.00	-25.00	0.00100
-40.00	-30.00	0.00106	-40.00	-40.00	0.00117
-40.00	-50.00	0.00125	-40.00	-60.00	0.00131
-40.00	-70.00	0.00132	-40.00	-80.00	0.00130
-40.00	-90.00	0.00124	-40.00	-100.00	0.00117
-30.00	100.00	0.00008	-30.00	90.00	0.00009
-30.00	80.00	0.00011	-30.00	70.00	0.00013
-30.00	60.00	0.00016	-30.00	50.00	0.00019
-30.00	40.00	0.00022	-30.00	30.00	0.00027
-30.00	25.00	0.00031	-30.00	20.00	0.00034
-30.00	17.00	0.00037	-30.00	15.00	0.00039
-30.00	13.00	0.00041	-30.00	11.00	0.00043
-30.00	9.00	0.00045	-30.00	-9.00	0.00066
-30.00	-11.00	0.00069	-30.00	-13.00	0.00071
-30.00	-15.00	0.00074	-30.00	-17.00	0.00076
-30.00	-20.00	0.00080	-30.00	-25.00	0.00085
-30.00	-30.00	0.00090	-30.00	-40.00	0.00100
-30.00	-50.00	0.00107	-30.00	-60.00	0.00113
-30.00	-70.00	0.00116	-30.00	-80.00	0.00116
-30.00	-90.00	0.00113	-30.00	-100.00	0.00108

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-20.00	100.00	0.00008	-20.00	90.00	0.00009
-20.00	80.00	0.00011	-20.00	70.00	0.00013
-20.00	60.00	0.00015	-20.00	50.00	0.00017
-20.00	40.00	0.00021	-20.00	30.00	0.00025
-20.00	25.00	0.00028	-20.00	20.00	0.00031
-20.00	17.00	0.00033	-20.00	15.00	0.00035
-20.00	13.00	0.00037	-20.00	11.00	0.00038
-20.00	9.00	0.00040	-20.00	-9.00	0.00058
-20.00	-11.00	0.00060	-20.00	-13.00	0.00062
-20.00	-15.00	0.00064	-20.00	-17.00	0.00066
-20.00	-20.00	0.00069	-20.00	-25.00	0.00074
-20.00	-30.00	0.00078	-20.00	-40.00	0.00086
-20.00	-50.00	0.00092	-20.00	-60.00	0.00098
-20.00	-70.00	0.00101	-20.00	-80.00	0.00103
-20.00	-90.00	0.00102	-20.00	-100.00	0.00099

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 112
 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
-10.00	100.00	0.00008	-10.00	90.00	0.00009
-10.00	80.00	0.00010	-10.00	70.00	0.00012
-10.00	60.00	0.00014	-10.00	50.00	0.00016
-10.00	40.00	0.00019	-10.00	30.00	0.00023
-10.00	25.00	0.00026	-10.00	20.00	0.00029
-10.00	17.00	0.00030	-10.00	15.00	0.00032
-10.00	13.00	0.00033	-10.00	11.00	0.00035
-10.00	9.00	0.00036	-10.00	-9.00	0.00051
-10.00	-11.00	0.00052	-10.00	-13.00	0.00054
-10.00	-15.00	0.00056	-10.00	-17.00	0.00058
-10.00	-20.00	0.00060	-10.00	-25.00	0.00064
-10.00	-30.00	0.00068	-10.00	-40.00	0.00074
-10.00	-50.00	0.00080	-10.00	-60.00	0.00085
-10.00	-70.00	0.00089	-10.00	-80.00	0.00091
-10.00	-90.00	0.00091	-10.00	-100.00	0.00090
0.00	100.00	0.00007	0.00	90.00	0.00009
0.00	80.00	0.00010	0.00	70.00	0.00011
0.00	60.00	0.00013	0.00	50.00	0.00015
0.00	40.00	0.00018	0.00	30.00	0.00022

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

0.00	25.00	0.00024	0.00	20.00	0.00026
0.00	17.00	0.00028	0.00	15.00	0.00029
0.00	13.00	0.00030	0.00	11.00	0.00031
0.00	9.00	0.00033	0.00	-9.00	0.00045
0.00	-11.00	0.00046	0.00	-13.00	0.00048
0.00	-15.00	0.00049	0.00	-17.00	0.00051
0.00	-20.00	0.00053	0.00	-25.00	0.00056
0.00	-30.00	0.00059	0.00	-40.00	0.00065
0.00	-50.00	0.00070	0.00	-60.00	0.00075
0.00	-70.00	0.00078	0.00	-80.00	0.00081
0.00	-90.00	0.00082	0.00	-100.00	0.00082
10.00	100.00	0.00007	10.00	90.00	0.00008
10.00	80.00	0.00009	10.00	70.00	0.00011
10.00	60.00	0.00012	10.00	50.00	0.00014
10.00	40.00	0.00017	10.00	30.00	0.00020
10.00	25.00	0.00022	10.00	20.00	0.00024
10.00	17.00	0.00025	10.00	15.00	0.00026
10.00	13.00	0.00027	10.00	11.00	0.00028
10.00	9.00	0.00030	10.00	-9.00	0.00040
10.00	-11.00	0.00041	10.00	-13.00	0.00043
10.00	-15.00	0.00044	10.00	-17.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 113

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
10.00	-20.00	0.00047	10.00	-25.00	0.00050
10.00	-30.00	0.00053	10.00	-40.00	0.00058
10.00	-50.00	0.00062	10.00	-60.00	0.00066
10.00	-70.00	0.00069	10.00	-80.00	0.00072
10.00	-90.00	0.00074	10.00	-100.00	0.00074
20.00	100.00	0.00007	20.00	90.00	0.00008
20.00	80.00	0.00009	20.00	70.00	0.00010
20.00	60.00	0.00012	20.00	50.00	0.00014
20.00	40.00	0.00016	20.00	30.00	0.00019
20.00	25.00	0.00020	20.00	20.00	0.00022
20.00	17.00	0.00023	20.00	15.00	0.00024
20.00	13.00	0.00025	20.00	11.00	0.00026
20.00	9.00	0.00027	20.00	-9.00	0.00036

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

20.00	-11.00	0.00037	20.00	-13.00	0.00038
20.00	-15.00	0.00039	20.00	-17.00	0.00040
20.00	-20.00	0.00042	20.00	-25.00	0.00044
20.00	-30.00	0.00047	20.00	-40.00	0.00051
20.00	-50.00	0.00055	20.00	-60.00	0.00059
20.00	-70.00	0.00062	20.00	-80.00	0.00064
20.00	-90.00	0.00066	20.00	-100.00	0.00067
30.00	100.00	0.00007	30.00	90.00	0.00008
30.00	80.00	0.00009	30.00	70.00	0.00010
30.00	60.00	0.00011	30.00	50.00	0.00013
30.00	40.00	0.00015	30.00	30.00	0.00017
30.00	25.00	0.00019	30.00	20.00	0.00021
30.00	17.00	0.00022	30.00	15.00	0.00022
30.00	13.00	0.00023	30.00	11.00	0.00024
30.00	9.00	0.00025	30.00	-9.00	0.00032
30.00	-11.00	0.00033	30.00	-13.00	0.00034
30.00	-15.00	0.00035	30.00	-17.00	0.00036
30.00	-20.00	0.00038	30.00	-25.00	0.00040
30.00	-30.00	0.00042	30.00	-40.00	0.00046
30.00	-50.00	0.00049	30.00	-60.00	0.00052
30.00	-70.00	0.00055	30.00	-80.00	0.00058
30.00	-90.00	0.00060	30.00	-100.00	0.00061
40.00	100.00	0.00007	40.00	90.00	0.00007
40.00	80.00	0.00008	40.00	70.00	0.00009
40.00	60.00	0.00011	40.00	50.00	0.00012
40.00	40.00	0.00014	40.00	30.00	0.00016
40.00	25.00	0.00018	40.00	20.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 114

CONC URBAN FLAT FLGPOL DFAULT

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

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00020	40.00	15.00	0.00021
40.00	13.00	0.00021	40.00	11.00	0.00022
40.00	9.00	0.00023	40.00	-9.00	0.00029
40.00	-11.00	0.00030	40.00	-13.00	0.00031
40.00	-15.00	0.00032	40.00	-17.00	0.00033
40.00	-20.00	0.00034	40.00	-25.00	0.00036
40.00	-30.00	0.00038	40.00	-40.00	0.00041

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

40.00	-50.00	0.00044	40.00	-60.00	0.00047
40.00	-70.00	0.00050	40.00	-80.00	0.00052
40.00	-90.00	0.00054	40.00	-100.00	0.00055
50.00	100.00	0.00006	50.00	90.00	0.00007
50.00	80.00	0.00008	50.00	70.00	0.00009
50.00	60.00	0.00010	50.00	50.00	0.00011
50.00	40.00	0.00013	50.00	30.00	0.00015
50.00	25.00	0.00016	50.00	20.00	0.00018
50.00	17.00	0.00019	50.00	15.00	0.00019
50.00	13.00	0.00020	50.00	11.00	0.00020
50.00	9.00	0.00021	50.00	-9.00	0.00027
50.00	-11.00	0.00028	50.00	-13.00	0.00028
50.00	-15.00	0.00029	50.00	-17.00	0.00030
50.00	-20.00	0.00031	50.00	-25.00	0.00032
50.00	-30.00	0.00034	50.00	-40.00	0.00037
50.00	-50.00	0.00040	50.00	-60.00	0.00043
50.00	-70.00	0.00045	50.00	-80.00	0.00047
50.00	-90.00	0.00049	50.00	-100.00	0.00050
60.00	100.00	0.00006	60.00	90.00	0.00007
60.00	80.00	0.00008	60.00	70.00	0.00008
60.00	60.00	0.00010	60.00	50.00	0.00011
60.00	40.00	0.00012	60.00	30.00	0.00014
60.00	25.00	0.00015	60.00	20.00	0.00017
60.00	17.00	0.00017	60.00	15.00	0.00018
60.00	13.00	0.00018	60.00	11.00	0.00019
60.00	9.00	0.00019	60.00	-9.00	0.00025
60.00	-11.00	0.00025	60.00	-13.00	0.00026
60.00	-15.00	0.00026	60.00	-17.00	0.00027
60.00	-20.00	0.00028	60.00	-25.00	0.00030
60.00	-30.00	0.00031	60.00	-40.00	0.00034
60.00	-50.00	0.00036	60.00	-60.00	0.00039
60.00	-70.00	0.00041	60.00	-80.00	0.00043
60.00	-90.00	0.00044	60.00	-100.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
70.00	100.00	0.00006	70.00	90.00	0.00007

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

70.00	80.00	0.00007	70.00	70.00	0.00008
70.00	60.00	0.00009	70.00	50.00	0.00010
70.00	40.00	0.00012	70.00	30.00	0.00013
70.00	25.00	0.00014	70.00	20.00	0.00015
70.00	17.00	0.00016	70.00	15.00	0.00017
70.00	13.00	0.00017	70.00	11.00	0.00018
70.00	9.00	0.00018	70.00	-9.00	0.00023
70.00	-11.00	0.00023	70.00	-13.00	0.00024
70.00	-15.00	0.00024	70.00	-17.00	0.00025
70.00	-20.00	0.00026	70.00	-25.00	0.00027
70.00	-30.00	0.00028	70.00	-40.00	0.00031
70.00	-50.00	0.00033	70.00	-60.00	0.00035
70.00	-70.00	0.00037	70.00	-80.00	0.00039
70.00	-90.00	0.00040	70.00	-100.00	0.00042
80.00	100.00	0.00006	80.00	90.00	0.00006
80.00	80.00	0.00007	80.00	70.00	0.00008
80.00	60.00	0.00009	80.00	50.00	0.00010
80.00	40.00	0.00011	80.00	30.00	0.00013
80.00	25.00	0.00014	80.00	20.00	0.00014
80.00	17.00	0.00015	80.00	15.00	0.00015
80.00	13.00	0.00016	80.00	11.00	0.00016
80.00	9.00	0.00017	80.00	-9.00	0.00021
80.00	-11.00	0.00021	80.00	-13.00	0.00022
80.00	-15.00	0.00022	80.00	-17.00	0.00023
80.00	-20.00	0.00024	80.00	-25.00	0.00025
80.00	-30.00	0.00026	80.00	-40.00	0.00028
80.00	-50.00	0.00030	80.00	-60.00	0.00032
80.00	-70.00	0.00034	80.00	-80.00	0.00036
80.00	-90.00	0.00037	80.00	-100.00	0.00038
90.00	100.00	0.00006	90.00	90.00	0.00006
90.00	80.00	0.00007	90.00	70.00	0.00007
90.00	60.00	0.00008	90.00	50.00	0.00009
90.00	40.00	0.00011	90.00	30.00	0.00012
90.00	25.00	0.00013	90.00	20.00	0.00014
90.00	17.00	0.00014	90.00	15.00	0.00015
90.00	13.00	0.00015	90.00	11.00	0.00015
90.00	9.00	0.00016	90.00	-9.00	0.00019
90.00	-11.00	0.00020	90.00	-13.00	0.00020
90.00	-15.00	0.00021	90.00	-17.00	0.00021

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:

PAGE 116

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00022	90.00	-25.00	0.00023	
90.00	-30.00	0.00024	90.00	-40.00	0.00026	
90.00	-50.00	0.00028	90.00	-60.00	0.00030	
90.00	-70.00	0.00031	90.00	-80.00	0.00033	
90.00	-90.00	0.00034	90.00	-100.00	0.00035	
100.00	100.00	0.00005	100.00	90.00	0.00006	
100.00	80.00	0.00006	100.00	70.00	0.00007	
100.00	60.00	0.00008	100.00	50.00	0.00009	
100.00	40.00	0.00010	100.00	30.00	0.00011	
100.00	25.00	0.00012	100.00	20.00	0.00013	
100.00	17.00	0.00013	100.00	15.00	0.00014	
100.00	13.00	0.00014	100.00	11.00	0.00014	
100.00	9.00	0.00015	100.00	-9.00	0.00018	
100.00	-11.00	0.00018	100.00	-13.00	0.00019	
100.00	-15.00	0.00019	100.00	-17.00	0.00020	
100.00	-20.00	0.00020	100.00	-25.00	0.00021	
100.00	-30.00	0.00022	100.00	-40.00	0.00024	
100.00	-50.00	0.00026	100.00	-60.00	0.00027	
100.00	-70.00	0.00029	100.00	-80.00	0.00030	
100.00	-90.00	0.00031	100.00	-100.00	0.00032	
110.00	100.00	0.00005	110.00	90.00	0.00006	
110.00	80.00	0.00006	110.00	70.00	0.00007	
110.00	60.00	0.00008	110.00	50.00	0.00008	
110.00	40.00	0.00009	110.00	30.00	0.00011	
110.00	25.00	0.00011	110.00	20.00	0.00012	
110.00	17.00	0.00013	110.00	15.00	0.00013	
110.00	13.00	0.00013	110.00	11.00	0.00013	
110.00	9.00	0.00014	110.00	-9.00	0.00017	
110.00	-11.00	0.00017	110.00	-13.00	0.00017	
110.00	-15.00	0.00018	110.00	-17.00	0.00018	
110.00	-20.00	0.00019	110.00	-25.00	0.00020	
110.00	-30.00	0.00020	110.00	-40.00	0.00022	
110.00	-50.00	0.00024	110.00	-60.00	0.00025	
110.00	-70.00	0.00026	110.00	-80.00	0.00028	
110.00	-90.00	0.00029	110.00	-100.00	0.00030	
120.00	100.00	0.00005	120.00	90.00	0.00005	
120.00	80.00	0.00006	120.00	70.00	0.00007	
120.00	60.00	0.00007	120.00	50.00	0.00008	
120.00	40.00	0.00009	120.00	30.00	0.00010	

120.00 25.00 0.00011 120.00 20.00 0.00011

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 117
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00012	120.00	15.00	0.00012
120.00	13.00	0.00012	120.00	11.00	0.00013
120.00	9.00	0.00013	120.00	-9.00	0.00016
120.00	-11.00	0.00016	120.00	-13.00	0.00016
120.00	-15.00	0.00017	120.00	-17.00	0.00017
120.00	-20.00	0.00017	120.00	-25.00	0.00018
120.00	-30.00	0.00019	120.00	-40.00	0.00021
120.00	-50.00	0.00022	120.00	-60.00	0.00023
120.00	-70.00	0.00025	120.00	-80.00	0.00026
120.00	-90.00	0.00027	120.00	-100.00	0.00028
130.00	100.00	0.00005	130.00	90.00	0.00005
130.00	80.00	0.00006	130.00	70.00	0.00006
130.00	60.00	0.00007	130.00	50.00	0.00008
130.00	40.00	0.00009	130.00	30.00	0.00010
130.00	25.00	0.00010	130.00	20.00	0.00011
130.00	17.00	0.00011	130.00	15.00	0.00011
130.00	13.00	0.00012	130.00	11.00	0.00012
130.00	9.00	0.00012	130.00	-9.00	0.00015
130.00	-11.00	0.00015	130.00	-13.00	0.00015
130.00	-15.00	0.00016	130.00	-17.00	0.00016
130.00	-20.00	0.00016	130.00	-25.00	0.00017
130.00	-30.00	0.00018	130.00	-40.00	0.00019
130.00	-50.00	0.00020	130.00	-60.00	0.00022
130.00	-70.00	0.00023	130.00	-80.00	0.00024
130.00	-90.00	0.00025	130.00	-100.00	0.00026
140.00	100.00	0.00005	140.00	90.00	0.00005
140.00	80.00	0.00005	140.00	70.00	0.00006
140.00	60.00	0.00007	140.00	50.00	0.00007
140.00	40.00	0.00008	140.00	30.00	0.00009
140.00	25.00	0.00010	140.00	20.00	0.00010
140.00	17.00	0.00011	140.00	15.00	0.00011
140.00	13.00	0.00011	140.00	11.00	0.00011
140.00	9.00	0.00011	140.00	-9.00	0.00014

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

140.00	-11.00	0.00014	140.00	-13.00	0.00014
140.00	-15.00	0.00015	140.00	-17.00	0.00015
140.00	-20.00	0.00015	140.00	-25.00	0.00016
140.00	-30.00	0.00017	140.00	-40.00	0.00018
140.00	-50.00	0.00019	140.00	-60.00	0.00020
140.00	-70.00	0.00021	140.00	-80.00	0.00022
140.00	-90.00	0.00023	140.00	-100.00	0.00024

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00004	150.00	90.00	0.00005
150.00	80.00	0.00005	150.00	70.00	0.00006
150.00	60.00	0.00006	150.00	50.00	0.00007
150.00	40.00	0.00008	150.00	30.00	0.00009
150.00	25.00	0.00009	150.00	20.00	0.00010
150.00	17.00	0.00010	150.00	15.00	0.00010
150.00	13.00	0.00010	150.00	11.00	0.00011
150.00	9.00	0.00011	150.00	-9.00	0.00013
150.00	-11.00	0.00013	150.00	-13.00	0.00013
150.00	-15.00	0.00014	150.00	-17.00	0.00014
150.00	-20.00	0.00014	150.00	-25.00	0.00015
150.00	-30.00	0.00015	150.00	-40.00	0.00017
150.00	-50.00	0.00018	150.00	-60.00	0.00019
150.00	-70.00	0.00020	150.00	-80.00	0.00021
150.00	-90.00	0.00022	150.00	-100.00	0.00022
160.00	100.00	0.00004	160.00	90.00	0.00005
160.00	80.00	0.00005	160.00	70.00	0.00006
160.00	60.00	0.00006	160.00	50.00	0.00007
160.00	40.00	0.00007	160.00	30.00	0.00008
160.00	25.00	0.00009	160.00	20.00	0.00009
160.00	17.00	0.00009	160.00	15.00	0.00010
160.00	13.00	0.00010	160.00	11.00	0.00010
160.00	9.00	0.00010	160.00	-9.00	0.00012
160.00	-11.00	0.00012	160.00	-13.00	0.00013
160.00	-15.00	0.00013	160.00	-17.00	0.00013
160.00	-20.00	0.00013	160.00	-25.00	0.00014
160.00	-30.00	0.00015	160.00	-40.00	0.00016

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

160.00	-50.00	0.00017	160.00	-60.00	0.00018
160.00	-70.00	0.00019	160.00	-80.00	0.00019
160.00	-90.00	0.00020	160.00	-100.00	0.00021
170.00	100.00	0.00004	170.00	90.00	0.00005
170.00	80.00	0.00005	170.00	70.00	0.00005
170.00	60.00	0.00006	170.00	50.00	0.00006
170.00	40.00	0.00007	170.00	30.00	0.00008
170.00	25.00	0.00008	170.00	20.00	0.00009
170.00	17.00	0.00009	170.00	15.00	0.00009
170.00	13.00	0.00009	170.00	11.00	0.00010
170.00	9.00	0.00010	170.00	-9.00	0.00011
170.00	-11.00	0.00012	170.00	-13.00	0.00012
170.00	-15.00	0.00012	170.00	-17.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00013	170.00	-25.00	0.00013
170.00	-30.00	0.00014	170.00	-40.00	0.00015
170.00	-50.00	0.00016	170.00	-60.00	0.00017
170.00	-70.00	0.00017	170.00	-80.00	0.00018
170.00	-90.00	0.00019	170.00	-100.00	0.00020
180.00	100.00	0.00004	180.00	90.00	0.00004
180.00	80.00	0.00005	180.00	70.00	0.00005
180.00	60.00	0.00006	180.00	50.00	0.00006
180.00	40.00	0.00007	180.00	30.00	0.00008
180.00	25.00	0.00008	180.00	20.00	0.00008
180.00	17.00	0.00009	180.00	15.00	0.00009
180.00	13.00	0.00009	180.00	11.00	0.00009
180.00	9.00	0.00009	180.00	-9.00	0.00011
180.00	-11.00	0.00011	180.00	-13.00	0.00011
180.00	-15.00	0.00011	180.00	-17.00	0.00012
180.00	-20.00	0.00012	180.00	-25.00	0.00012
180.00	-30.00	0.00013	180.00	-40.00	0.00014
180.00	-50.00	0.00015	180.00	-60.00	0.00016
180.00	-70.00	0.00016	180.00	-80.00	0.00017
180.00	-90.00	0.00018	180.00	-100.00	0.00018
190.00	100.00	0.00004	190.00	90.00	0.00004

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

190.00	80.00	0.00005	190.00	70.00	0.00005
190.00	60.00	0.00005	190.00	50.00	0.00006
190.00	40.00	0.00007	190.00	30.00	0.00007
190.00	25.00	0.00008	190.00	20.00	0.00008
190.00	17.00	0.00008	190.00	15.00	0.00008
190.00	13.00	0.00008	190.00	11.00	0.00009
190.00	9.00	0.00009	190.00	-9.00	0.00010
190.00	-11.00	0.00010	190.00	-13.00	0.00011
190.00	-15.00	0.00011	190.00	-17.00	0.00011
190.00	-20.00	0.00011	190.00	-25.00	0.00012
190.00	-30.00	0.00012	190.00	-40.00	0.00013
190.00	-50.00	0.00014	190.00	-60.00	0.00015
190.00	-70.00	0.00015	190.00	-80.00	0.00016
190.00	-90.00	0.00017	190.00	-100.00	0.00017
200.00	100.00	0.00004	200.00	90.00	0.00004
200.00	80.00	0.00004	200.00	70.00	0.00005
200.00	60.00	0.00005	200.00	50.00	0.00006
200.00	40.00	0.00006	200.00	30.00	0.00007
200.00	25.00	0.00007	200.00	20.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 120

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00008	200.00	15.00	0.00008
200.00	13.00	0.00008	200.00	11.00	0.00008
200.00	9.00	0.00008	200.00	-9.00	0.00010
200.00	-11.00	0.00010	200.00	-13.00	0.00010
200.00	-15.00	0.00010	200.00	-17.00	0.00010
200.00	-20.00	0.00011	200.00	-25.00	0.00011
200.00	-30.00	0.00011	200.00	-40.00	0.00012
200.00	-50.00	0.00013	200.00	-60.00	0.00014
200.00	-70.00	0.00014	200.00	-80.00	0.00015
200.00	-90.00	0.00016	200.00	-100.00	0.00016
210.00	100.00	0.00004	210.00	90.00	0.00004
210.00	80.00	0.00004	210.00	70.00	0.00005
210.00	60.00	0.00005	210.00	50.00	0.00006
210.00	40.00	0.00006	210.00	30.00	0.00007
210.00	25.00	0.00007	210.00	20.00	0.00007

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

210.00	17.00	0.00007	210.00	15.00	0.00008
210.00	13.00	0.00008	210.00	11.00	0.00008
210.00	9.00	0.00008	210.00	-9.00	0.00009
210.00	-11.00	0.00009	210.00	-13.00	0.00010
210.00	-15.00	0.00010	210.00	-17.00	0.00010
210.00	-20.00	0.00010	210.00	-25.00	0.00010
210.00	-30.00	0.00011	210.00	-40.00	0.00012
210.00	-50.00	0.00012	210.00	-60.00	0.00013
210.00	-70.00	0.00014	210.00	-80.00	0.00014
210.00	-90.00	0.00015	210.00	-100.00	0.00015
220.00	100.00	0.00004	220.00	90.00	0.00004
220.00	80.00	0.00004	220.00	70.00	0.00004
220.00	60.00	0.00005	220.00	50.00	0.00005
220.00	40.00	0.00006	220.00	30.00	0.00006
220.00	25.00	0.00007	220.00	20.00	0.00007
220.00	17.00	0.00007	220.00	15.00	0.00007
220.00	13.00	0.00007	220.00	11.00	0.00007
220.00	9.00	0.00008	220.00	-9.00	0.00009
220.00	-11.00	0.00009	220.00	-13.00	0.00009
220.00	-15.00	0.00009	220.00	-17.00	0.00009
220.00	-20.00	0.00010	220.00	-25.00	0.00010
220.00	-30.00	0.00010	220.00	-40.00	0.00011
220.00	-50.00	0.00012	220.00	-60.00	0.00012
220.00	-70.00	0.00013	220.00	-80.00	0.00014
220.00	-90.00	0.00014	220.00	-100.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
230.00	100.00	0.00003	230.00	90.00	0.00004
230.00	80.00	0.00004	230.00	70.00	0.00004
230.00	60.00	0.00005	230.00	50.00	0.00005
230.00	40.00	0.00006	230.00	30.00	0.00006
230.00	25.00	0.00006	230.00	20.00	0.00007
230.00	17.00	0.00007	230.00	15.00	0.00007
230.00	13.00	0.00007	230.00	11.00	0.00007
230.00	9.00	0.00007	230.00	-9.00	0.00008
230.00	-11.00	0.00009	230.00	-13.00	0.00009

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

230.00	-15.00	0.00009	230.00	-17.00	0.00009
230.00	-20.00	0.00009	230.00	-25.00	0.00009
230.00	-30.00	0.00010	230.00	-40.00	0.00010
230.00	-50.00	0.00011	230.00	-60.00	0.00012
230.00	-70.00	0.00012	230.00	-80.00	0.00013
230.00	-90.00	0.00013	230.00	-100.00	0.00014
240.00	100.00	0.00003	240.00	90.00	0.00004
240.00	80.00	0.00004	240.00	70.00	0.00004
240.00	60.00	0.00005	240.00	50.00	0.00005
240.00	40.00	0.00005	240.00	30.00	0.00006
240.00	25.00	0.00006	240.00	20.00	0.00006
240.00	17.00	0.00007	240.00	15.00	0.00007
240.00	13.00	0.00007	240.00	11.00	0.00007
240.00	9.00	0.00007	240.00	-9.00	0.00008
240.00	-11.00	0.00008	240.00	-13.00	0.00008
240.00	-15.00	0.00008	240.00	-17.00	0.00008
240.00	-20.00	0.00009	240.00	-25.00	0.00009
240.00	-30.00	0.00009	240.00	-40.00	0.00010
240.00	-50.00	0.00010	240.00	-60.00	0.00011
240.00	-70.00	0.00012	240.00	-80.00	0.00012
240.00	-90.00	0.00013	240.00	-100.00	0.00013
250.00	100.00	0.00003	250.00	90.00	0.00004
250.00	80.00	0.00004	250.00	70.00	0.00004
250.00	60.00	0.00004	250.00	50.00	0.00005
250.00	40.00	0.00005	250.00	30.00	0.00006
250.00	25.00	0.00006	250.00	20.00	0.00006
250.00	17.00	0.00006	250.00	15.00	0.00006
250.00	13.00	0.00006	250.00	11.00	0.00007
250.00	9.00	0.00007	250.00	-9.00	0.00008
250.00	-11.00	0.00008	250.00	-13.00	0.00008
250.00	-15.00	0.00008	250.00	-17.00	0.00008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

10:44:12

**MODELOPTs:

PAGE 122

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West 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
250.00	-20.00	0.00008	250.00	-25.00	0.00009
250.00	-30.00	0.00009	250.00	-40.00	0.00009
250.00	-50.00	0.00010	250.00	-60.00	0.00011

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-230.00	60.00	0.00150	-230.00	50.00	0.00173
-230.00	40.00	0.00200	-230.00	30.00	0.00234
-230.00	25.00	0.00253	-230.00	20.00	0.00272
-230.00	17.00	0.00283	-230.00	15.00	0.00290
-230.00	13.00	0.00296	-230.00	11.00	0.00300
-230.00	9.00	0.00302	-230.00	-9.00	0.00158
-230.00	-11.00	0.00152	-230.00	-13.00	0.00146
-230.00	-15.00	0.00142	-230.00	-17.00	0.00139

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 124
 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
-230.00	-20.00	0.00134	-230.00	-25.00	0.00128
-230.00	-30.00	0.00122	-230.00	-40.00	0.00113
-230.00	-50.00	0.00104	-230.00	-60.00	0.00096
-230.00	-70.00	0.00088	-230.00	-80.00	0.00081
-230.00	-90.00	0.00075	-230.00	-100.00	0.00069
-220.00	100.00	0.00096	-220.00	90.00	0.00107
-220.00	80.00	0.00120	-220.00	70.00	0.00136
-220.00	60.00	0.00155	-220.00	50.00	0.00179
-220.00	40.00	0.00209	-220.00	30.00	0.00247
-220.00	25.00	0.00269	-220.00	20.00	0.00292
-220.00	17.00	0.00306	-220.00	15.00	0.00315
-220.00	13.00	0.00324	-220.00	11.00	0.00335
-220.00	9.00	0.00346	-220.00	-9.00	0.00252
-220.00	-11.00	0.00225	-220.00	-13.00	0.00208
-220.00	-15.00	0.00197	-220.00	-17.00	0.00188
-220.00	-20.00	0.00177	-220.00	-25.00	0.00165
-220.00	-30.00	0.00155	-220.00	-40.00	0.00140
-220.00	-50.00	0.00126	-220.00	-60.00	0.00113
-220.00	-70.00	0.00103	-220.00	-80.00	0.00093
-220.00	-90.00	0.00085	-220.00	-100.00	0.00078
-210.00	100.00	0.00097	-210.00	90.00	0.00109
-210.00	80.00	0.00122	-210.00	70.00	0.00139
-210.00	60.00	0.00159	-210.00	50.00	0.00184
-210.00	40.00	0.00216	-210.00	30.00	0.00257
-210.00	25.00	0.00282	-210.00	20.00	0.00308
-210.00	17.00	0.00325	-210.00	15.00	0.00336

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-210.00	13.00	0.00348	-210.00	11.00	0.00360
-210.00	9.00	0.00376	-210.00	-9.00	0.00477
-210.00	-11.00	0.00419	-210.00	-13.00	0.00373
-210.00	-15.00	0.00336	-210.00	-17.00	0.00306
-210.00	-20.00	0.00273	-210.00	-25.00	0.00236
-210.00	-30.00	0.00212	-210.00	-40.00	0.00178
-210.00	-50.00	0.00154	-210.00	-60.00	0.00135
-210.00	-70.00	0.00120	-210.00	-80.00	0.00107
-210.00	-90.00	0.00097	-210.00	-100.00	0.00088
-200.00	100.00	0.00099	-200.00	90.00	0.00110
-200.00	80.00	0.00124	-200.00	70.00	0.00141
-200.00	60.00	0.00163	-200.00	50.00	0.00189
-200.00	40.00	0.00223	-200.00	30.00	0.00267
-200.00	25.00	0.00293	-200.00	20.00	0.00322

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 125

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
-200.00	17.00	0.00341	-200.00	15.00	0.00354
-200.00	13.00	0.00369	-200.00	11.00	0.00385
-200.00	9.00	0.00406	-200.00	-9.00	0.00646
-200.00	-11.00	0.00593	-200.00	-13.00	0.00545
-200.00	-15.00	0.00501	-200.00	-17.00	0.00461
-200.00	-20.00	0.00410	-200.00	-25.00	0.00343
-200.00	-30.00	0.00295	-200.00	-40.00	0.00233
-200.00	-50.00	0.00193	-200.00	-60.00	0.00164
-200.00	-70.00	0.00142	-200.00	-80.00	0.00124
-200.00	-90.00	0.00110	-200.00	-100.00	0.00099
-190.00	100.00	0.00100	-190.00	90.00	0.00112
-190.00	80.00	0.00126	-190.00	70.00	0.00144
-190.00	60.00	0.00166	-190.00	50.00	0.00194
-190.00	40.00	0.00229	-190.00	30.00	0.00275
-190.00	25.00	0.00303	-190.00	20.00	0.00334
-190.00	17.00	0.00356	-190.00	15.00	0.00371
-190.00	13.00	0.00388	-190.00	11.00	0.00408
-190.00	9.00	0.00433	-190.00	-9.00	0.00756
-190.00	-11.00	0.00709	-190.00	-13.00	0.00665
-190.00	-15.00	0.00625	-190.00	-17.00	0.00587

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-190.00	-20.00	0.00533	-190.00	-25.00	0.00455
-190.00	-30.00	0.00390	-190.00	-40.00	0.00298
-190.00	-50.00	0.00239	-190.00	-60.00	0.00198
-190.00	-70.00	0.00167	-190.00	-80.00	0.00144
-190.00	-90.00	0.00126	-190.00	-100.00	0.00112
-180.00	100.00	0.00101	-180.00	90.00	0.00113
-180.00	80.00	0.00128	-180.00	70.00	0.00146
-180.00	60.00	0.00169	-180.00	50.00	0.00198
-180.00	40.00	0.00234	-180.00	30.00	0.00282
-180.00	25.00	0.00312	-180.00	20.00	0.00346
-180.00	17.00	0.00369	-180.00	15.00	0.00387
-180.00	13.00	0.00406	-180.00	11.00	0.00428
-180.00	9.00	0.00456	-180.00	-9.00	0.00830
-180.00	-11.00	0.00787	-180.00	-13.00	0.00748
-180.00	-15.00	0.00711	-180.00	-17.00	0.00676
-180.00	-20.00	0.00626	-180.00	-25.00	0.00548
-180.00	-30.00	0.00478	-180.00	-40.00	0.00367
-180.00	-50.00	0.00289	-180.00	-60.00	0.00235
-180.00	-70.00	0.00196	-180.00	-80.00	0.00167
-180.00	-90.00	0.00144	-180.00	-100.00	0.00126

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTS:
 PAGE 126
 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
-170.00	100.00	0.00102	-170.00	90.00	0.00115
-170.00	80.00	0.00130	-170.00	70.00	0.00149
-170.00	60.00	0.00172	-170.00	50.00	0.00201
-170.00	40.00	0.00239	-170.00	30.00	0.00289
-170.00	25.00	0.00320	-170.00	20.00	0.00357
-170.00	17.00	0.00382	-170.00	15.00	0.00401
-170.00	13.00	0.00422	-170.00	11.00	0.00446
-170.00	9.00	0.00475	-170.00	-9.00	0.00884
-170.00	-11.00	0.00842	-170.00	-13.00	0.00806
-170.00	-15.00	0.00772	-170.00	-17.00	0.00739
-170.00	-20.00	0.00692	-170.00	-25.00	0.00618
-170.00	-30.00	0.00549	-170.00	-40.00	0.00430
-170.00	-50.00	0.00340	-170.00	-60.00	0.00275
-170.00	-70.00	0.00227	-170.00	-80.00	0.00191

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-170.00	-90.00	0.00163	-170.00	-100.00	0.00142
-160.00	100.00	0.00103	-160.00	90.00	0.00116
-160.00	80.00	0.00131	-160.00	70.00	0.00150
-160.00	60.00	0.00174	-160.00	50.00	0.00204
-160.00	40.00	0.00242	-160.00	30.00	0.00295
-160.00	25.00	0.00327	-160.00	20.00	0.00366
-160.00	17.00	0.00393	-160.00	15.00	0.00413
-160.00	13.00	0.00435	-160.00	11.00	0.00460
-160.00	9.00	0.00492	-160.00	-9.00	0.00923
-160.00	-11.00	0.00882	-160.00	-13.00	0.00849
-160.00	-15.00	0.00817	-160.00	-17.00	0.00785
-160.00	-20.00	0.00740	-160.00	-25.00	0.00670
-160.00	-30.00	0.00603	-160.00	-40.00	0.00484
-160.00	-50.00	0.00388	-160.00	-60.00	0.00313
-160.00	-70.00	0.00258	-160.00	-80.00	0.00216
-160.00	-90.00	0.00183	-160.00	-100.00	0.00158
-150.00	100.00	0.00104	-150.00	90.00	0.00117
-150.00	80.00	0.00133	-150.00	70.00	0.00152
-150.00	60.00	0.00176	-150.00	50.00	0.00206
-150.00	40.00	0.00246	-150.00	30.00	0.00300
-150.00	25.00	0.00334	-150.00	20.00	0.00374
-150.00	17.00	0.00402	-150.00	15.00	0.00423
-150.00	13.00	0.00446	-150.00	11.00	0.00473
-150.00	9.00	0.00505	-150.00	-9.00	0.00953
-150.00	-11.00	0.00914	-150.00	-13.00	0.00880
-150.00	-15.00	0.00850	-150.00	-17.00	0.00821

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

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
**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
-150.00	-20.00	0.00777	-150.00	-25.00	0.00709
-150.00	-30.00	0.00645	-150.00	-40.00	0.00528
-150.00	-50.00	0.00429	-150.00	-60.00	0.00350
-150.00	-70.00	0.00288	-150.00	-80.00	0.00241
-150.00	-90.00	0.00204	-150.00	-100.00	0.00175
-140.00	100.00	0.00105	-140.00	90.00	0.00118
-140.00	80.00	0.00134	-140.00	70.00	0.00153
-140.00	60.00	0.00177	-140.00	50.00	0.00209

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-140.00	40.00	0.00250	-140.00	30.00	0.00305
-140.00	25.00	0.00340	-140.00	20.00	0.00382
-140.00	17.00	0.00410	-140.00	15.00	0.00432
-140.00	13.00	0.00456	-140.00	11.00	0.00484
-140.00	9.00	0.00518	-140.00	-9.00	0.00978
-140.00	-11.00	0.00940	-140.00	-13.00	0.00905
-140.00	-15.00	0.00876	-140.00	-17.00	0.00848
-140.00	-20.00	0.00806	-140.00	-25.00	0.00740
-140.00	-30.00	0.00677	-140.00	-40.00	0.00563
-140.00	-50.00	0.00465	-140.00	-60.00	0.00383
-140.00	-70.00	0.00317	-140.00	-80.00	0.00265
-140.00	-90.00	0.00224	-140.00	-100.00	0.00192
-130.00	100.00	0.00105	-130.00	90.00	0.00118
-130.00	80.00	0.00134	-130.00	70.00	0.00154
-130.00	60.00	0.00179	-130.00	50.00	0.00211
-130.00	40.00	0.00253	-130.00	30.00	0.00309
-130.00	25.00	0.00345	-130.00	20.00	0.00388
-130.00	17.00	0.00417	-130.00	15.00	0.00439
-130.00	13.00	0.00464	-130.00	11.00	0.00493
-130.00	9.00	0.00529	-130.00	-9.00	0.00992
-130.00	-11.00	0.00960	-130.00	-13.00	0.00927
-130.00	-15.00	0.00896	-130.00	-17.00	0.00869
-130.00	-20.00	0.00829	-130.00	-25.00	0.00765
-130.00	-30.00	0.00703	-130.00	-40.00	0.00592
-130.00	-50.00	0.00494	-130.00	-60.00	0.00411
-130.00	-70.00	0.00343	-130.00	-80.00	0.00288
-130.00	-90.00	0.00244	-130.00	-100.00	0.00209
-120.00	100.00	0.00105	-120.00	90.00	0.00119
-120.00	80.00	0.00135	-120.00	70.00	0.00155
-120.00	60.00	0.00180	-120.00	50.00	0.00213
-120.00	40.00	0.00256	-120.00	30.00	0.00313
-120.00	25.00	0.00350	-120.00	20.00	0.00393

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
-120.00	17.00	0.00423	-120.00	15.00	0.00446
-120.00	13.00	0.00471	-120.00	11.00	0.00500

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-120.00	9.00	0.00537	-120.00	-9.00	0.01000
-120.00	-11.00	0.00969	-120.00	-13.00	0.00941
-120.00	-15.00	0.00914	-120.00	-17.00	0.00887
-120.00	-20.00	0.00848	-120.00	-25.00	0.00785
-120.00	-30.00	0.00724	-120.00	-40.00	0.00614
-120.00	-50.00	0.00518	-120.00	-60.00	0.00435
-120.00	-70.00	0.00366	-120.00	-80.00	0.00310
-120.00	-90.00	0.00263	-120.00	-100.00	0.00226
-110.00	100.00	0.00106	-110.00	90.00	0.00119
-110.00	80.00	0.00136	-110.00	70.00	0.00156
-110.00	60.00	0.00182	-110.00	50.00	0.00215
-110.00	40.00	0.00258	-110.00	30.00	0.00317
-110.00	25.00	0.00354	-110.00	20.00	0.00398
-110.00	17.00	0.00429	-110.00	15.00	0.00452
-110.00	13.00	0.00477	-110.00	11.00	0.00506
-110.00	9.00	0.00543	-110.00	-9.00	0.01013
-110.00	-11.00	0.00981	-110.00	-13.00	0.00953
-110.00	-15.00	0.00926	-110.00	-17.00	0.00900
-110.00	-20.00	0.00862	-110.00	-25.00	0.00800
-110.00	-30.00	0.00742	-110.00	-40.00	0.00633
-110.00	-50.00	0.00538	-110.00	-60.00	0.00456
-110.00	-70.00	0.00387	-110.00	-80.00	0.00329
-110.00	-90.00	0.00281	-110.00	-100.00	0.00242
-100.00	100.00	0.00106	-100.00	90.00	0.00119
-100.00	80.00	0.00136	-100.00	70.00	0.00157
-100.00	60.00	0.00183	-100.00	50.00	0.00216
-100.00	40.00	0.00260	-100.00	30.00	0.00320
-100.00	25.00	0.00357	-100.00	20.00	0.00402
-100.00	17.00	0.00433	-100.00	15.00	0.00456
-100.00	13.00	0.00482	-100.00	11.00	0.00512
-100.00	9.00	0.00549	-100.00	-9.00	0.01022
-100.00	-11.00	0.00992	-100.00	-13.00	0.00963
-100.00	-15.00	0.00937	-100.00	-17.00	0.00911
-100.00	-20.00	0.00873	-100.00	-25.00	0.00813
-100.00	-30.00	0.00755	-100.00	-40.00	0.00649
-100.00	-50.00	0.00555	-100.00	-60.00	0.00474
-100.00	-70.00	0.00404	-100.00	-80.00	0.00346
-100.00	-90.00	0.00297	-100.00	-100.00	0.00257

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

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

*** 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	
-90.00	100.00	0.00106	-90.00	90.00	0.00120	
-90.00	80.00	0.00136	-90.00	70.00	0.00157	
-90.00	60.00	0.00184	-90.00	50.00	0.00218	
-90.00	40.00	0.00262	-90.00	30.00	0.00322	
-90.00	25.00	0.00360	-90.00	20.00	0.00406	
-90.00	17.00	0.00437	-90.00	15.00	0.00461	
-90.00	13.00	0.00487	-90.00	11.00	0.00517	
-90.00	9.00	0.00553	-90.00	-9.00	0.01032	
-90.00	-11.00	0.01000	-90.00	-13.00	0.00972	
-90.00	-15.00	0.00946	-90.00	-17.00	0.00920	
-90.00	-20.00	0.00884	-90.00	-25.00	0.00824	
-90.00	-30.00	0.00767	-90.00	-40.00	0.00662	
-90.00	-50.00	0.00569	-90.00	-60.00	0.00489	
-90.00	-70.00	0.00420	-90.00	-80.00	0.00361	
-90.00	-90.00	0.00312	-90.00	-100.00	0.00271	
-80.00	100.00	0.00106	-80.00	90.00	0.00120	
-80.00	80.00	0.00137	-80.00	70.00	0.00158	
-80.00	60.00	0.00185	-80.00	50.00	0.00219	
-80.00	40.00	0.00264	-80.00	30.00	0.00325	
-80.00	25.00	0.00363	-80.00	20.00	0.00409	
-80.00	17.00	0.00441	-80.00	15.00	0.00464	
-80.00	13.00	0.00491	-80.00	11.00	0.00521	
-80.00	9.00	0.00557	-80.00	-9.00	0.01041	
-80.00	-11.00	0.01008	-80.00	-13.00	0.00980	
-80.00	-15.00	0.00954	-80.00	-17.00	0.00928	
-80.00	-20.00	0.00891	-80.00	-25.00	0.00833	
-80.00	-30.00	0.00777	-80.00	-40.00	0.00673	
-80.00	-50.00	0.00581	-80.00	-60.00	0.00501	
-80.00	-70.00	0.00433	-80.00	-80.00	0.00375	
-80.00	-90.00	0.00325	-80.00	-100.00	0.00283	
-70.00	100.00	0.00105	-70.00	90.00	0.00120	
-70.00	80.00	0.00137	-70.00	70.00	0.00158	
-70.00	60.00	0.00185	-70.00	50.00	0.00220	
-70.00	40.00	0.00265	-70.00	30.00	0.00327	
-70.00	25.00	0.00365	-70.00	20.00	0.00412	
-70.00	17.00	0.00444	-70.00	15.00	0.00468	
-70.00	13.00	0.00494	-70.00	11.00	0.00524	
-70.00	9.00	0.00561	-70.00	-9.00	0.01049	
-70.00	-11.00	0.01014	-70.00	-13.00	0.00987	
-70.00	-15.00	0.00961	-70.00	-17.00	0.00936	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**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
-70.00	-20.00	0.00899	-70.00	-25.00	0.00840
-70.00	-30.00	0.00785	-70.00	-40.00	0.00682
-70.00	-50.00	0.00591	-70.00	-60.00	0.00512
-70.00	-70.00	0.00444	-70.00	-80.00	0.00386
-70.00	-90.00	0.00337	-70.00	-100.00	0.00295
-60.00	100.00	0.00105	-60.00	90.00	0.00120
-60.00	80.00	0.00137	-60.00	70.00	0.00159
-60.00	60.00	0.00186	-60.00	50.00	0.00221
-60.00	40.00	0.00266	-60.00	30.00	0.00328
-60.00	25.00	0.00368	-60.00	20.00	0.00414
-60.00	17.00	0.00447	-60.00	15.00	0.00471
-60.00	13.00	0.00497	-60.00	11.00	0.00527
-60.00	9.00	0.00563	-60.00	-9.00	0.01055
-60.00	-11.00	0.01021	-60.00	-13.00	0.00992
-60.00	-15.00	0.00967	-60.00	-17.00	0.00942
-60.00	-20.00	0.00905	-60.00	-25.00	0.00847
-60.00	-30.00	0.00792	-60.00	-40.00	0.00690
-60.00	-50.00	0.00600	-60.00	-60.00	0.00522
-60.00	-70.00	0.00454	-60.00	-80.00	0.00397
-60.00	-90.00	0.00347	-60.00	-100.00	0.00305
-50.00	100.00	0.00105	-50.00	90.00	0.00119
-50.00	80.00	0.00137	-50.00	70.00	0.00159
-50.00	60.00	0.00186	-50.00	50.00	0.00221
-50.00	40.00	0.00267	-50.00	30.00	0.00329
-50.00	25.00	0.00369	-50.00	20.00	0.00416
-50.00	17.00	0.00449	-50.00	15.00	0.00473
-50.00	13.00	0.00500	-50.00	11.00	0.00531
-50.00	9.00	0.00567	-50.00	-9.00	0.01062
-50.00	-11.00	0.01028	-50.00	-13.00	0.00996
-50.00	-15.00	0.00971	-50.00	-17.00	0.00947
-50.00	-20.00	0.00911	-50.00	-25.00	0.00853
-50.00	-30.00	0.00798	-50.00	-40.00	0.00697
-50.00	-50.00	0.00607	-50.00	-60.00	0.00530
-50.00	-70.00	0.00463	-50.00	-80.00	0.00406

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-50.00	-90.00	0.00356	-50.00	-100.00	0.00314
-40.00	100.00	0.00105	-40.00	90.00	0.00119
-40.00	80.00	0.00137	-40.00	70.00	0.00159
-40.00	60.00	0.00186	-40.00	50.00	0.00222
-40.00	40.00	0.00268	-40.00	30.00	0.00330
-40.00	25.00	0.00370	-40.00	20.00	0.00418

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 131

CONC URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00450	-40.00	15.00	0.00474
-40.00	13.00	0.00501	-40.00	11.00	0.00534
-40.00	9.00	0.00571	-40.00	-9.00	0.01062
-40.00	-11.00	0.01033	-40.00	-13.00	0.01003
-40.00	-15.00	0.00976	-40.00	-17.00	0.00952
-40.00	-20.00	0.00916	-40.00	-25.00	0.00858
-40.00	-30.00	0.00803	-40.00	-40.00	0.00703
-40.00	-50.00	0.00614	-40.00	-60.00	0.00537
-40.00	-70.00	0.00471	-40.00	-80.00	0.00414
-40.00	-90.00	0.00365	-40.00	-100.00	0.00322
-30.00	100.00	0.00104	-30.00	90.00	0.00119
-30.00	80.00	0.00137	-30.00	70.00	0.00159
-30.00	60.00	0.00186	-30.00	50.00	0.00222
-30.00	40.00	0.00269	-30.00	30.00	0.00331
-30.00	25.00	0.00371	-30.00	20.00	0.00419
-30.00	17.00	0.00452	-30.00	15.00	0.00476
-30.00	13.00	0.00503	-30.00	11.00	0.00535
-30.00	9.00	0.00573	-30.00	-9.00	0.01059
-30.00	-11.00	0.01031	-30.00	-13.00	0.01005
-30.00	-15.00	0.00981	-30.00	-17.00	0.00956
-30.00	-20.00	0.00921	-30.00	-25.00	0.00864
-30.00	-30.00	0.00808	-30.00	-40.00	0.00708
-30.00	-50.00	0.00619	-30.00	-60.00	0.00543
-30.00	-70.00	0.00477	-30.00	-80.00	0.00421
-30.00	-90.00	0.00372	-30.00	-100.00	0.00330
-20.00	100.00	0.00103	-20.00	90.00	0.00118
-20.00	80.00	0.00136	-20.00	70.00	0.00158
-20.00	60.00	0.00186	-20.00	50.00	0.00222

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

-20.00	40.00	0.00269	-20.00	30.00	0.00332
-20.00	25.00	0.00372	-20.00	20.00	0.00420
-20.00	17.00	0.00453	-20.00	15.00	0.00478
-20.00	13.00	0.00505	-20.00	11.00	0.00536
-20.00	9.00	0.00574	-20.00	-9.00	0.01062
-20.00	-11.00	0.01033	-20.00	-13.00	0.01007
-20.00	-15.00	0.00982	-20.00	-17.00	0.00958
-20.00	-20.00	0.00923	-20.00	-25.00	0.00867
-20.00	-30.00	0.00813	-20.00	-40.00	0.00713
-20.00	-50.00	0.00624	-20.00	-60.00	0.00548
-20.00	-70.00	0.00483	-20.00	-80.00	0.00427
-20.00	-90.00	0.00378	-20.00	-100.00	0.00336

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 132

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
-10.00	100.00	0.00103	-10.00	90.00	0.00117
-10.00	80.00	0.00135	-10.00	70.00	0.00158
-10.00	60.00	0.00186	-10.00	50.00	0.00222
-10.00	40.00	0.00269	-10.00	30.00	0.00333
-10.00	25.00	0.00373	-10.00	20.00	0.00420
-10.00	17.00	0.00454	-10.00	15.00	0.00478
-10.00	13.00	0.00506	-10.00	11.00	0.00537
-10.00	9.00	0.00575	-10.00	-9.00	0.01065
-10.00	-11.00	0.01036	-10.00	-13.00	0.01009
-10.00	-15.00	0.00984	-10.00	-17.00	0.00961
-10.00	-20.00	0.00926	-10.00	-25.00	0.00870
-10.00	-30.00	0.00816	-10.00	-40.00	0.00716
-10.00	-50.00	0.00629	-10.00	-60.00	0.00553
-10.00	-70.00	0.00488	-10.00	-80.00	0.00432
-10.00	-90.00	0.00384	-10.00	-100.00	0.00342
0.00	100.00	0.00102	0.00	90.00	0.00117
0.00	80.00	0.00135	0.00	70.00	0.00157
0.00	60.00	0.00185	0.00	50.00	0.00221
0.00	40.00	0.00269	0.00	30.00	0.00333
0.00	25.00	0.00373	0.00	20.00	0.00421
0.00	17.00	0.00454	0.00	15.00	0.00479
0.00	13.00	0.00507	0.00	11.00	0.00538

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

0.00	9.00	0.00575	0.00	-9.00	0.01067
0.00	-11.00	0.01038	0.00	-13.00	0.01011
0.00	-15.00	0.00986	0.00	-17.00	0.00962
0.00	-20.00	0.00928	0.00	-25.00	0.00872
0.00	-30.00	0.00819	0.00	-40.00	0.00720
0.00	-50.00	0.00633	0.00	-60.00	0.00557
0.00	-70.00	0.00492	0.00	-80.00	0.00437
0.00	-90.00	0.00389	0.00	-100.00	0.00347
10.00	100.00	0.00101	10.00	90.00	0.00116
10.00	80.00	0.00134	10.00	70.00	0.00156
10.00	60.00	0.00184	10.00	50.00	0.00221
10.00	40.00	0.00268	10.00	30.00	0.00333
10.00	25.00	0.00373	10.00	20.00	0.00421
10.00	17.00	0.00455	10.00	15.00	0.00480
10.00	13.00	0.00507	10.00	11.00	0.00538
10.00	9.00	0.00576	10.00	-9.00	0.01071
10.00	-11.00	0.01040	10.00	-13.00	0.01013
10.00	-15.00	0.00988	10.00	-17.00	0.00964

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
10.00	-20.00	0.00929	10.00	-25.00	0.00874
10.00	-30.00	0.00821	10.00	-40.00	0.00723
10.00	-50.00	0.00636	10.00	-60.00	0.00561
10.00	-70.00	0.00496	10.00	-80.00	0.00441
10.00	-90.00	0.00393	10.00	-100.00	0.00352
20.00	100.00	0.00099	20.00	90.00	0.00114
20.00	80.00	0.00133	20.00	70.00	0.00155
20.00	60.00	0.00183	20.00	50.00	0.00220
20.00	40.00	0.00268	20.00	30.00	0.00332
20.00	25.00	0.00373	20.00	20.00	0.00421
20.00	17.00	0.00455	20.00	15.00	0.00480
20.00	13.00	0.00507	20.00	11.00	0.00538
20.00	9.00	0.00576	20.00	-9.00	0.01074
20.00	-11.00	0.01041	20.00	-13.00	0.01015
20.00	-15.00	0.00990	20.00	-17.00	0.00966
20.00	-20.00	0.00931	20.00	-25.00	0.00875

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

20.00	-30.00	0.00823	20.00	-40.00	0.00725
20.00	-50.00	0.00639	20.00	-60.00	0.00564
20.00	-70.00	0.00500	20.00	-80.00	0.00445
20.00	-90.00	0.00397	20.00	-100.00	0.00356
30.00	100.00	0.00098	30.00	90.00	0.00113
30.00	80.00	0.00131	30.00	70.00	0.00154
30.00	60.00	0.00182	30.00	50.00	0.00219
30.00	40.00	0.00267	30.00	30.00	0.00331
30.00	25.00	0.00373	30.00	20.00	0.00421
30.00	17.00	0.00455	30.00	15.00	0.00480
30.00	13.00	0.00507	30.00	11.00	0.00538
30.00	9.00	0.00576	30.00	-9.00	0.01077
30.00	-11.00	0.01043	30.00	-13.00	0.01016
30.00	-15.00	0.00991	30.00	-17.00	0.00968
30.00	-20.00	0.00933	30.00	-25.00	0.00877
30.00	-30.00	0.00824	30.00	-40.00	0.00727
30.00	-50.00	0.00641	30.00	-60.00	0.00567
30.00	-70.00	0.00503	30.00	-80.00	0.00448
30.00	-90.00	0.00401	30.00	-100.00	0.00360
40.00	100.00	0.00096	40.00	90.00	0.00111
40.00	80.00	0.00130	40.00	70.00	0.00152
40.00	60.00	0.00181	40.00	50.00	0.00217
40.00	40.00	0.00265	40.00	30.00	0.00330
40.00	25.00	0.00372	40.00	20.00	0.00420

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00454	40.00	15.00	0.00479
40.00	13.00	0.00507	40.00	11.00	0.00539
40.00	9.00	0.00576	40.00	-9.00	0.01079
40.00	-11.00	0.01046	40.00	-13.00	0.01016
40.00	-15.00	0.00992	40.00	-17.00	0.00969
40.00	-20.00	0.00934	40.00	-25.00	0.00878
40.00	-30.00	0.00825	40.00	-40.00	0.00729
40.00	-50.00	0.00643	40.00	-60.00	0.00569
40.00	-70.00	0.00505	40.00	-80.00	0.00451
40.00	-90.00	0.00404	40.00	-100.00	0.00363

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

50.00	100.00	0.00094	50.00	90.00	0.00109
50.00	80.00	0.00128	50.00	70.00	0.00151
50.00	60.00	0.00179	50.00	50.00	0.00216
50.00	40.00	0.00264	50.00	30.00	0.00329
50.00	25.00	0.00370	50.00	20.00	0.00419
50.00	17.00	0.00453	50.00	15.00	0.00478
50.00	13.00	0.00506	50.00	11.00	0.00539
50.00	9.00	0.00577	50.00	-9.00	0.01076
50.00	-11.00	0.01048	50.00	-13.00	0.01019
50.00	-15.00	0.00993	50.00	-17.00	0.00969
50.00	-20.00	0.00935	50.00	-25.00	0.00879
50.00	-30.00	0.00826	50.00	-40.00	0.00730
50.00	-50.00	0.00645	50.00	-60.00	0.00571
50.00	-70.00	0.00508	50.00	-80.00	0.00453
50.00	-90.00	0.00406	50.00	-100.00	0.00366
60.00	100.00	0.00092	60.00	90.00	0.00107
60.00	80.00	0.00126	60.00	70.00	0.00148
60.00	60.00	0.00177	60.00	50.00	0.00214
60.00	40.00	0.00262	60.00	30.00	0.00327
60.00	25.00	0.00369	60.00	20.00	0.00418
60.00	17.00	0.00452	60.00	15.00	0.00477
60.00	13.00	0.00505	60.00	11.00	0.00537
60.00	9.00	0.00576	60.00	-9.00	0.01070
60.00	-11.00	0.01042	60.00	-13.00	0.01017
60.00	-15.00	0.00994	60.00	-17.00	0.00970
60.00	-20.00	0.00936	60.00	-25.00	0.00881
60.00	-30.00	0.00827	60.00	-40.00	0.00731
60.00	-50.00	0.00646	60.00	-60.00	0.00573
60.00	-70.00	0.00510	60.00	-80.00	0.00455
60.00	-90.00	0.00408	60.00	-100.00	0.00368

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 135
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00090	70.00	90.00	0.00105
70.00	80.00	0.00123	70.00	70.00	0.00146
70.00	60.00	0.00175	70.00	50.00	0.00211
70.00	40.00	0.00260	70.00	30.00	0.00325

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

70.00	25.00	0.00367	70.00	20.00	0.00416
70.00	17.00	0.00450	70.00	15.00	0.00475
70.00	13.00	0.00503	70.00	11.00	0.00535
70.00	9.00	0.00574	70.00	-9.00	0.01070
70.00	-11.00	0.01041	70.00	-13.00	0.01016
70.00	-15.00	0.00992	70.00	-17.00	0.00969
70.00	-20.00	0.00935	70.00	-25.00	0.00881
70.00	-30.00	0.00828	70.00	-40.00	0.00732
70.00	-50.00	0.00647	70.00	-60.00	0.00574
70.00	-70.00	0.00511	70.00	-80.00	0.00457
70.00	-90.00	0.00410	70.00	-100.00	0.00370
80.00	100.00	0.00088	80.00	90.00	0.00102
80.00	80.00	0.00120	80.00	70.00	0.00143
80.00	60.00	0.00172	80.00	50.00	0.00209
80.00	40.00	0.00257	80.00	30.00	0.00323
80.00	25.00	0.00364	80.00	20.00	0.00413
80.00	17.00	0.00448	80.00	15.00	0.00473
80.00	13.00	0.00501	80.00	11.00	0.00533
80.00	9.00	0.00572	80.00	-9.00	0.01069
80.00	-11.00	0.01040	80.00	-13.00	0.01015
80.00	-15.00	0.00991	80.00	-17.00	0.00968
80.00	-20.00	0.00934	80.00	-25.00	0.00880
80.00	-30.00	0.00828	80.00	-40.00	0.00733
80.00	-50.00	0.00648	80.00	-60.00	0.00575
80.00	-70.00	0.00512	80.00	-80.00	0.00458
80.00	-90.00	0.00412	80.00	-100.00	0.00372
90.00	100.00	0.00085	90.00	90.00	0.00099
90.00	80.00	0.00117	90.00	70.00	0.00140
90.00	60.00	0.00169	90.00	50.00	0.00205
90.00	40.00	0.00254	90.00	30.00	0.00320
90.00	25.00	0.00361	90.00	20.00	0.00411
90.00	17.00	0.00445	90.00	15.00	0.00470
90.00	13.00	0.00499	90.00	11.00	0.00531
90.00	9.00	0.00569	90.00	-9.00	0.01068
90.00	-11.00	0.01039	90.00	-13.00	0.01014
90.00	-15.00	0.00990	90.00	-17.00	0.00966

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:

PAGE 136

CONC

URBAN FLAT FLGPOL DFAULT

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

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

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

08NCRA PL93-300 DPM TRAV ANN E-W Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00933	90.00	-25.00	0.00879
90.00	-30.00	0.00828	90.00	-40.00	0.00733
90.00	-50.00	0.00649	90.00	-60.00	0.00576
90.00	-70.00	0.00513	90.00	-80.00	0.00459
90.00	-90.00	0.00413	90.00	-100.00	0.00373
100.00	100.00	0.00082	100.00	90.00	0.00096
100.00	80.00	0.00114	100.00	70.00	0.00136
100.00	60.00	0.00165	100.00	50.00	0.00202
100.00	40.00	0.00250	100.00	30.00	0.00316
100.00	25.00	0.00358	100.00	20.00	0.00407
100.00	17.00	0.00442	100.00	15.00	0.00467
100.00	13.00	0.00495	100.00	11.00	0.00527
100.00	9.00	0.00565	100.00	-9.00	0.01069
100.00	-11.00	0.01038	100.00	-13.00	0.01012
100.00	-15.00	0.00988	100.00	-17.00	0.00965
100.00	-20.00	0.00931	100.00	-25.00	0.00878
100.00	-30.00	0.00827	100.00	-40.00	0.00733
100.00	-50.00	0.00649	100.00	-60.00	0.00576
100.00	-70.00	0.00513	100.00	-80.00	0.00460
100.00	-90.00	0.00414	100.00	-100.00	0.00375
110.00	100.00	0.00079	110.00	90.00	0.00092
110.00	80.00	0.00110	110.00	70.00	0.00132
110.00	60.00	0.00160	110.00	50.00	0.00197
110.00	40.00	0.00246	110.00	30.00	0.00311
110.00	25.00	0.00353	110.00	20.00	0.00403
110.00	17.00	0.00438	110.00	15.00	0.00463
110.00	13.00	0.00491	110.00	11.00	0.00523
110.00	9.00	0.00562	110.00	-9.00	0.01068
110.00	-11.00	0.01036	110.00	-13.00	0.01011
110.00	-15.00	0.00987	110.00	-17.00	0.00963
110.00	-20.00	0.00930	110.00	-25.00	0.00877
110.00	-30.00	0.00826	110.00	-40.00	0.00732
110.00	-50.00	0.00649	110.00	-60.00	0.00576
110.00	-70.00	0.00514	110.00	-80.00	0.00460
110.00	-90.00	0.00415	110.00	-100.00	0.00376
120.00	100.00	0.00075	120.00	90.00	0.00088
120.00	80.00	0.00105	120.00	70.00	0.00127
120.00	60.00	0.00155	120.00	50.00	0.00192
120.00	40.00	0.00240	120.00	30.00	0.00306
120.00	25.00	0.00348	120.00	20.00	0.00398

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at East/West Bound Direction

10:44:12

**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
120.00	17.00	0.00433	120.00	15.00	0.00458
120.00	13.00	0.00487	120.00	11.00	0.00519
120.00	9.00	0.00557	120.00	-9.00	0.01067
120.00	-11.00	0.01034	120.00	-13.00	0.01008
120.00	-15.00	0.00984	120.00	-17.00	0.00962
120.00	-20.00	0.00928	120.00	-25.00	0.00875
120.00	-30.00	0.00825	120.00	-40.00	0.00731
120.00	-50.00	0.00648	120.00	-60.00	0.00576
120.00	-70.00	0.00514	120.00	-80.00	0.00461
120.00	-90.00	0.00415	120.00	-100.00	0.00376
130.00	100.00	0.00071	130.00	90.00	0.00084
130.00	80.00	0.00100	130.00	70.00	0.00121
130.00	60.00	0.00149	130.00	50.00	0.00185
130.00	40.00	0.00234	130.00	30.00	0.00299
130.00	25.00	0.00342	130.00	20.00	0.00392
130.00	17.00	0.00426	130.00	15.00	0.00452
130.00	13.00	0.00481	130.00	11.00	0.00514
130.00	9.00	0.00552	130.00	-9.00	0.01065
130.00	-11.00	0.01033	130.00	-13.00	0.01004
130.00	-15.00	0.00981	130.00	-17.00	0.00959
130.00	-20.00	0.00926	130.00	-25.00	0.00873
130.00	-30.00	0.00822	130.00	-40.00	0.00730
130.00	-50.00	0.00647	130.00	-60.00	0.00575
130.00	-70.00	0.00513	130.00	-80.00	0.00460
130.00	-90.00	0.00415	130.00	-100.00	0.00376
140.00	100.00	0.00067	140.00	90.00	0.00080
140.00	80.00	0.00095	140.00	70.00	0.00115
140.00	60.00	0.00142	140.00	50.00	0.00178
140.00	40.00	0.00226	140.00	30.00	0.00291
140.00	25.00	0.00333	140.00	20.00	0.00384
140.00	17.00	0.00419	140.00	15.00	0.00444
140.00	13.00	0.00473	140.00	11.00	0.00507
140.00	9.00	0.00547	140.00	-9.00	0.01057
140.00	-11.00	0.01030	140.00	-13.00	0.01003
140.00	-15.00	0.00978	140.00	-17.00	0.00956
140.00	-20.00	0.00923	140.00	-25.00	0.00871

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

140.00	-30.00	0.00820	140.00	-40.00	0.00727
140.00	-50.00	0.00645	140.00	-60.00	0.00573
140.00	-70.00	0.00512	140.00	-80.00	0.00460
140.00	-90.00	0.00415	140.00	-100.00	0.00376

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **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
150.00	100.00	0.00063	150.00	90.00	0.00075
150.00	80.00	0.00090	150.00	70.00	0.00109
150.00	60.00	0.00134	150.00	50.00	0.00169
150.00	40.00	0.00216	150.00	30.00	0.00282
150.00	25.00	0.00324	150.00	20.00	0.00374
150.00	17.00	0.00409	150.00	15.00	0.00435
150.00	13.00	0.00464	150.00	11.00	0.00497
150.00	9.00	0.00538	150.00	-9.00	0.01046
150.00	-11.00	0.01020	150.00	-13.00	0.00996
150.00	-15.00	0.00974	150.00	-17.00	0.00952
150.00	-20.00	0.00920	150.00	-25.00	0.00868
150.00	-30.00	0.00817	150.00	-40.00	0.00725
150.00	-50.00	0.00643	150.00	-60.00	0.00572
150.00	-70.00	0.00511	150.00	-80.00	0.00459
150.00	-90.00	0.00414	150.00	-100.00	0.00375
160.00	100.00	0.00059	160.00	90.00	0.00070
160.00	80.00	0.00083	160.00	70.00	0.00102
160.00	60.00	0.00126	160.00	50.00	0.00159
160.00	40.00	0.00205	160.00	30.00	0.00270
160.00	25.00	0.00311	160.00	20.00	0.00362
160.00	17.00	0.00397	160.00	15.00	0.00423
160.00	13.00	0.00452	160.00	11.00	0.00486
160.00	9.00	0.00526	160.00	-9.00	0.01039
160.00	-11.00	0.01013	160.00	-13.00	0.00989
160.00	-15.00	0.00967	160.00	-17.00	0.00946
160.00	-20.00	0.00915	160.00	-25.00	0.00864
160.00	-30.00	0.00814	160.00	-40.00	0.00722
160.00	-50.00	0.00640	160.00	-60.00	0.00570
160.00	-70.00	0.00509	160.00	-80.00	0.00457
160.00	-90.00	0.00412	160.00	-100.00	0.00373

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

170.00	100.00	0.00055	170.00	90.00	0.00064
170.00	80.00	0.00077	170.00	70.00	0.00094
170.00	60.00	0.00116	170.00	50.00	0.00147
170.00	40.00	0.00191	170.00	30.00	0.00255
170.00	25.00	0.00296	170.00	20.00	0.00346
170.00	17.00	0.00382	170.00	15.00	0.00408
170.00	13.00	0.00437	170.00	11.00	0.00471
170.00	9.00	0.00512	170.00	-9.00	0.01031
170.00	-11.00	0.01005	170.00	-13.00	0.00982
170.00	-15.00	0.00961	170.00	-17.00	0.00940

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**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
170.00	-20.00	0.00909	170.00	-25.00	0.00858
170.00	-30.00	0.00809	170.00	-40.00	0.00718
170.00	-50.00	0.00637	170.00	-60.00	0.00567
170.00	-70.00	0.00506	170.00	-80.00	0.00453
170.00	-90.00	0.00409	170.00	-100.00	0.00370
180.00	100.00	0.00051	180.00	90.00	0.00059
180.00	80.00	0.00070	180.00	70.00	0.00085
180.00	60.00	0.00106	180.00	50.00	0.00134
180.00	40.00	0.00175	180.00	30.00	0.00236
180.00	25.00	0.00277	180.00	20.00	0.00327
180.00	17.00	0.00362	180.00	15.00	0.00388
180.00	13.00	0.00418	180.00	11.00	0.00452
180.00	9.00	0.00492	180.00	-9.00	0.01022
180.00	-11.00	0.00997	180.00	-13.00	0.00974
180.00	-15.00	0.00953	180.00	-17.00	0.00932
180.00	-20.00	0.00902	180.00	-25.00	0.00852
180.00	-30.00	0.00803	180.00	-40.00	0.00713
180.00	-50.00	0.00633	180.00	-60.00	0.00562
180.00	-70.00	0.00501	180.00	-80.00	0.00449
180.00	-90.00	0.00405	180.00	-100.00	0.00367
190.00	100.00	0.00047	190.00	90.00	0.00055
190.00	80.00	0.00064	190.00	70.00	0.00077
190.00	60.00	0.00095	190.00	50.00	0.00120
190.00	40.00	0.00158	190.00	30.00	0.00213

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

190.00	25.00	0.00252	190.00	20.00	0.00301
190.00	17.00	0.00336	190.00	15.00	0.00363
190.00	13.00	0.00393	190.00	11.00	0.00427
190.00	9.00	0.00468	190.00	-9.00	0.01014
190.00	-11.00	0.00987	190.00	-13.00	0.00965
190.00	-15.00	0.00944	190.00	-17.00	0.00923
190.00	-20.00	0.00893	190.00	-25.00	0.00844
190.00	-30.00	0.00796	190.00	-40.00	0.00706
190.00	-50.00	0.00625	190.00	-60.00	0.00555
190.00	-70.00	0.00495	190.00	-80.00	0.00444
190.00	-90.00	0.00401	190.00	-100.00	0.00364
200.00	100.00	0.00044	200.00	90.00	0.00051
200.00	80.00	0.00059	200.00	70.00	0.00070
200.00	60.00	0.00085	200.00	50.00	0.00107
200.00	40.00	0.00138	200.00	30.00	0.00188
200.00	25.00	0.00223	200.00	20.00	0.00268

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

10:44:12

**MODELOPTs:
 PAGE 140

CONC URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at East/West 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
200.00	17.00	0.00302	200.00	15.00	0.00328
200.00	13.00	0.00358	200.00	11.00	0.00392
200.00	9.00	0.00434	200.00	-9.00	0.01003
200.00	-11.00	0.00975	200.00	-13.00	0.00954
200.00	-15.00	0.00934	200.00	-17.00	0.00913
200.00	-20.00	0.00883	200.00	-25.00	0.00835
200.00	-30.00	0.00787	200.00	-40.00	0.00696
200.00	-50.00	0.00616	200.00	-60.00	0.00547
200.00	-70.00	0.00488	200.00	-80.00	0.00438
200.00	-90.00	0.00396	200.00	-100.00	0.00359
210.00	100.00	0.00042	210.00	90.00	0.00048
210.00	80.00	0.00055	210.00	70.00	0.00065
210.00	60.00	0.00078	210.00	50.00	0.00095
210.00	40.00	0.00121	210.00	30.00	0.00160
210.00	25.00	0.00190	210.00	20.00	0.00229
210.00	17.00	0.00259	210.00	15.00	0.00283
210.00	13.00	0.00311	210.00	11.00	0.00345
210.00	9.00	0.00386	210.00	-9.00	0.00989

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

210.00	-11.00	0.00962	210.00	-13.00	0.00940
210.00	-15.00	0.00921	210.00	-17.00	0.00901
210.00	-20.00	0.00870	210.00	-25.00	0.00819
210.00	-30.00	0.00771	210.00	-40.00	0.00682
210.00	-50.00	0.00604	210.00	-60.00	0.00536
210.00	-70.00	0.00479	210.00	-80.00	0.00431
210.00	-90.00	0.00389	210.00	-100.00	0.00354
220.00	100.00	0.00040	220.00	90.00	0.00045
220.00	80.00	0.00052	220.00	70.00	0.00061
220.00	60.00	0.00072	220.00	50.00	0.00087
220.00	40.00	0.00109	220.00	30.00	0.00140
220.00	25.00	0.00163	220.00	20.00	0.00193
220.00	17.00	0.00216	220.00	15.00	0.00234
220.00	13.00	0.00257	220.00	11.00	0.00284
220.00	9.00	0.00320	220.00	-9.00	0.00968
220.00	-11.00	0.00941	220.00	-13.00	0.00916
220.00	-15.00	0.00896	220.00	-17.00	0.00877
220.00	-20.00	0.00847	220.00	-25.00	0.00798
220.00	-30.00	0.00751	220.00	-40.00	0.00664
220.00	-50.00	0.00588	220.00	-60.00	0.00523
220.00	-70.00	0.00468	220.00	-80.00	0.00421
220.00	-90.00	0.00382	220.00	-100.00	0.00347

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 141

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
230.00	100.00	0.00038	230.00	90.00	0.00043
230.00	80.00	0.00049	230.00	70.00	0.00057
230.00	60.00	0.00067	230.00	50.00	0.00081
230.00	40.00	0.00100	230.00	30.00	0.00128
230.00	25.00	0.00148	230.00	20.00	0.00173
230.00	17.00	0.00193	230.00	15.00	0.00209
230.00	13.00	0.00227	230.00	11.00	0.00250
230.00	9.00	0.00277	230.00	-9.00	0.00870
230.00	-11.00	0.00869	230.00	-13.00	0.00857
230.00	-15.00	0.00843	230.00	-17.00	0.00829
230.00	-20.00	0.00805	230.00	-25.00	0.00762
230.00	-30.00	0.00718	230.00	-40.00	0.00638

08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound

230.00	-50.00	0.00567	230.00	-60.00	0.00506
230.00	-70.00	0.00454	230.00	-80.00	0.00410
230.00	-90.00	0.00372	230.00	-100.00	0.00340
240.00	100.00	0.00036	240.00	90.00	0.00041
240.00	80.00	0.00047	240.00	70.00	0.00054
240.00	60.00	0.00063	240.00	50.00	0.00076
240.00	40.00	0.00093	240.00	30.00	0.00118
240.00	25.00	0.00135	240.00	20.00	0.00157
240.00	17.00	0.00174	240.00	15.00	0.00188
240.00	13.00	0.00205	240.00	11.00	0.00224
240.00	9.00	0.00248	240.00	-9.00	0.00640
240.00	-11.00	0.00670	240.00	-13.00	0.00692
240.00	-15.00	0.00705	240.00	-17.00	0.00711
240.00	-20.00	0.00710	240.00	-25.00	0.00692
240.00	-30.00	0.00663	240.00	-40.00	0.00600
240.00	-50.00	0.00540	240.00	-60.00	0.00485
240.00	-70.00	0.00438	240.00	-80.00	0.00397
240.00	-90.00	0.00361	240.00	-100.00	0.00331
250.00	100.00	0.00034	250.00	90.00	0.00039
250.00	80.00	0.00044	250.00	70.00	0.00051
250.00	60.00	0.00060	250.00	50.00	0.00071
250.00	40.00	0.00086	250.00	30.00	0.00108
250.00	25.00	0.00123	250.00	20.00	0.00143
250.00	17.00	0.00159	250.00	15.00	0.00170
250.00	13.00	0.00184	250.00	11.00	0.00200
250.00	9.00	0.00218	250.00	-9.00	0.00471
250.00	-11.00	0.00496	250.00	-13.00	0.00519
250.00	-15.00	0.00539	250.00	-17.00	0.00555

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12
 **MODELOPTs:
 PAGE 142

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
250.00	-20.00	0.00573	250.00	-25.00	0.00585
250.00	-30.00	0.00581	250.00	-40.00	0.00546
250.00	-50.00	0.00501	250.00	-60.00	0.00457
250.00	-70.00	0.00417	250.00	-80.00	0.00380
250.00	-90.00	0.00348	250.00	-100.00	0.00320

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

04/20/08

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:
PAGE 143

CONC URBAN FLAT FLGPOL DFAULT

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

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

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS	0.00824 AT (220.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00823 AT (210.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00809 AT (200.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00792 AT (220.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00790 AT (210.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00782 AT (190.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00773 AT (200.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00762 AT (220.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00762 AT (210.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00745 AT (190.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00824 AT (130.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00823 AT (120.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00809 AT (110.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00792 AT (130.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00790 AT (120.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00782 AT (100.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00773 AT (110.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00762 AT (130.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00762 AT (120.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00745 AT (100.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00824 AT (40.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00823 AT (30.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00809 AT (20.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00792 AT (40.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00790 AT (30.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00782 AT (10.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00773 AT (20.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00762 AT (40.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00762 AT (30.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00745 AT (10.00, -11.00, 0.00, 1.20)	DC	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at East/West Bound Direction

10:44:12

**MODELOPTs:
PAGE 144

CONC 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	0.00824 AT (-50.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00823 AT (-60.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00809 AT (-70.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00792 AT (-50.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00790 AT (-60.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00782 AT (-80.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00773 AT (-70.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00762 AT (-50.00, -13.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00762 AT (-60.00, -13.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00745 AT (-80.00, -11.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00824 AT (-140.00, -9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00823 AT (-150.00, -9.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00809 AT (-160.00, -9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00792 AT (-140.00, -11.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00790 AT (-150.00, -11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00782 AT (-170.00, -9.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00773 AT (-160.00, -11.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00762 AT (-140.00, -13.00, 0.00, 1.20)	DC	NA

		08NCRA_PL93-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00762	AT (	-150.00,	-13.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00745	AT (	-170.00,	-11.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01079	AT (	40.00,	-9.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01077	AT (	30.00,	-9.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01076	AT (	50.00,	-9.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01074	AT (	20.00,	-9.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01071	AT (	10.00,	-9.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01070	AT (	60.00,	-9.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01070	AT (	70.00,	-9.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01069	AT (	100.00,	-9.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01069	AT (	80.00,	-9.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01068	AT (	110.00,	-9.00,	0.00,	1.20)	DC	NA

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

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

04/20/08

*** Maximum train overlap at East/West Bound Direction ***

10:44:12

**MODELOPTs:
 PAGE 145

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 8 Informational Message(s)
 A Total of 8 Calm Hours Identified

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

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

 *** ISCST3 Finishes Successfully ***
