

ISCST3x VERSION 4.4.3  
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Run Began on 4/18/2008 at 18:02:12

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA\_SR03-300\_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	160.0	-17.0	1.2
RE DISCCART	160.0	-20.0	1.2
RE DISCCART	160.0	-25.0	1.2
RE DISCCART	160.0	-30.0	1.2
RE DISCCART	160.0	-40.0	1.2
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RE DISCCART	200.0	-9.0	1.2
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RE DISCCART	220.0	-13.0	1.2
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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
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RE DISCCART	230.0	-9.0	1.2
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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	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
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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
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RE DISCCART	240.0	-30.0	1.2
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RE DISCCART	240.0	-50.0	1.2
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RE DISCCART 240.0 -70.0 1.2  
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RE DISCCART 240.0 -100.0 1.2  
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RE DISCCART 250.0 70.0 1.2  
RE DISCCART 250.0 60.0 1.2  
RE DISCCART 250.0 50.0 1.2  
RE DISCCART 250.0 40.0 1.2  
RE DISCCART 250.0 30.0 1.2  
RE DISCCART 250.0 25.0 1.2  
RE DISCCART 250.0 20.0 1.2  
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RE DISCCART 250.0 15.0 1.2  
RE DISCCART 250.0 13.0 1.2  
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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  
RE DISCCART 250.0 -17.0 1.2  
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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\SANTA ROSA\ROS03300.ASC"

ME ANEMHGT 10 METERS

ME SURFDATA 9902 2003

ME UAIRDATA 9902 2003

ME STARTEND 2003 01 01 1 2003 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0

\*\* OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound.LST"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA\_SR03-300\_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 \*\*\*  
 04/18/08

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

18:02:13

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

\*\*Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

\*\*Model Uses NO DRY DEPLETION. DDPLETE = F

\*\*Model Uses NO WET DEPLETION. WDPLETE = F

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

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

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNNING After the Setup Testing.

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

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

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

Output Units = MICROGRAMS/M\*\*3

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

\*\*Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\SANTAR-1\03NCRA-1.DAT

\*\*Output Print File:

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/18/08 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

EMISSION RATE SOURCE SCALAR VARY ID BY	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	COORD (SW CORNER) Y (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 \*\*\*  
04/18/08 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

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

ALL NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
04/18/08 \*\*\* Maximum train overlap at East/West Bound Direction \*\*\*  
18:02:13  
\*\*MODELOPTs:  
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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);
( -250.0, 40.0, 0.0, 1.2);	( -250.0, 30.0, 0.0, 1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( -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);

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:02:13

\*\*MODELOPTs:

\*\*\* 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);
( -200.0, -15.0, 0.0, 1.2);	( -200.0, -17.0, 0.0, 1.2);



03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( -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      \*\*\*  
 04/18/08

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

( -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);
( -170.0, 80.0, 0.0, 1.2);	( -170.0, 70.0, 0.0, 1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( -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 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08

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

18:02:13

\*\*MODELOPTs:

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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);
( -150.0, -11.0, 0.0, 1.2);	( -150.0, -13.0, 0.0, 1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( -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 \*\*\* ICSST3 - VERSION 02035 \*\*\*  
04/18/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:02:13

\*\*MODELOPTs:

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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);
( -120.0, 100.0, 0.0, 1.2);	( -120.0, 90.0, 0.0, 1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( -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      \*\*\*  
 04/18/08

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

18:02:13  
 \*\*MODELOPTs:  
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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);
( -100.0, 9.0, 0.0, 1.2);	( -100.0, -9.0, 0.0, 1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( -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 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
 04/18/08

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

18:02:13  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

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

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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

18:02:13

\*\*MODELOPTs:  
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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);
( -20.0, 17.0, 0.0, 1.2);	( -20.0, 15.0, 0.0, 1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( -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);

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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



03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( 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      \*\*\*  
 04/18/08

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

18:02:13

\*\*MODELOPTs:

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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);
( 30.0, 25.0, 0.0, 1.2);	( 30.0, 20.0, 0.0, 1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( 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 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

18:02:13  
 \*\*MODELOPTs:  
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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);
( 50.0, -30.0, 0.0, 1.2);	( 50.0, -40.0, 0.0, 1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( 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 \*\*\*  
 04/18/08

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

18:02:13  
 \*\*MODELOPTs:  
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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);
( 80.0, 40.0, 0.0, 1.2);	( 80.0, 30.0, 0.0, 1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( 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);

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:02:13

\*\*MODELOPTs:

\*\*\* 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);
( 130.0, -15.0, 0.0, 1.2);	( 130.0, -17.0, 0.0, 1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( 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      \*\*\*  
 04/18/08

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

18:02:13

\*\*MODELOPTs:  
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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);
( 160.0, 80.0, 0.0, 1.2);	( 160.0, 70.0, 0.0, 1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( 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      \*\*\*  
 04/18/08

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

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

( 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);
( 180.0,	-11.0,	0.0,	1.2);	( 180.0,	-13.0,	0.0,	1.2);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( 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      \*\*\*  
 04/18/08

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

( 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);
( 210.0, 100.0, 0.0, 1.2);	( 210.0, 90.0, 0.0, 1.2);



03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( 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      \*\*\*  
 04/18/08

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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

( 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);

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

( 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 \*\*\*  
 04/18/08

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

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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



03NCRA SR03-300\_DPM\_TRAV\_ANN E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING CLASS	HEIGHT (M)	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
03	01	01	01	140.8	1.39	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	02	179.4	1.12	277.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	03	119.8	1.12	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	04	155.3	1.00	276.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	05	284.4	1.12	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	06	298.3	1.00	276.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	07	306.8	1.25	276.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	08	87.1	1.00	275.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	09	186.7	1.00	276.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	10	159.1	1.03	277.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	11	81.8	1.00	278.8	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	12	138.4	1.00	279.9	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	13	129.3	1.12	281.5	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	14	161.0	1.74	282.7	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	15	179.4	1.07	284.2	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	16	51.7	1.00	284.5	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	17	155.0	1.16	284.1	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	18	120.2	1.39	282.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	19	321.3	1.12	281.2	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	20	159.0	1.39	280.3	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	21	311.1	1.30	280.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	22	184.3	1.16	280.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	23	189.6	1.56	280.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
03	01	01	24	147.2	1.43	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00

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

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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

04/18/08

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

18:02:13

\*\*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	0.00003	-250.00	90.00	0.00003
-250.00	80.00	0.00003	-250.00	70.00	0.00003
-250.00	60.00	0.00003	-250.00	50.00	0.00003
-250.00	40.00	0.00003	-250.00	30.00	0.00002
-250.00	25.00	0.00002	-250.00	20.00	0.00002
-250.00	17.00	0.00002	-250.00	15.00	0.00002
-250.00	13.00	0.00002	-250.00	11.00	0.00002
-250.00	9.00	0.00002	-250.00	-9.00	0.00002
-250.00	-11.00	0.00002	-250.00	-13.00	0.00002
-250.00	-15.00	0.00002	-250.00	-17.00	0.00002
-250.00	-20.00	0.00002	-250.00	-25.00	0.00002
-250.00	-30.00	0.00002	-250.00	-40.00	0.00002
-250.00	-50.00	0.00002	-250.00	-60.00	0.00002
-250.00	-70.00	0.00002	-250.00	-80.00	0.00002
-250.00	-90.00	0.00002	-250.00	-100.00	0.00002
-240.00	100.00	0.00003	-240.00	90.00	0.00003
-240.00	80.00	0.00003	-240.00	70.00	0.00003

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-240.00	60.00	0.00003	-240.00	50.00	0.00003
-240.00	40.00	0.00003	-240.00	30.00	0.00003
-240.00	25.00	0.00003	-240.00	20.00	0.00002
-240.00	17.00	0.00002	-240.00	15.00	0.00002
-240.00	13.00	0.00002	-240.00	11.00	0.00002
-240.00	9.00	0.00002	-240.00	-9.00	0.00002
-240.00	-11.00	0.00002	-240.00	-13.00	0.00002
-240.00	-15.00	0.00002	-240.00	-17.00	0.00002
-240.00	-20.00	0.00002	-240.00	-25.00	0.00002
-240.00	-30.00	0.00002	-240.00	-40.00	0.00002
-240.00	-50.00	0.00002	-240.00	-60.00	0.00002
-240.00	-70.00	0.00002	-240.00	-80.00	0.00002
-240.00	-90.00	0.00002	-240.00	-100.00	0.00002
-230.00	100.00	0.00003	-230.00	90.00	0.00003
-230.00	80.00	0.00003	-230.00	70.00	0.00003
-230.00	60.00	0.00003	-230.00	50.00	0.00003
-230.00	40.00	0.00003	-230.00	30.00	0.00003
-230.00	25.00	0.00003	-230.00	20.00	0.00003
-230.00	17.00	0.00003	-230.00	15.00	0.00003
-230.00	13.00	0.00003	-230.00	11.00	0.00003
-230.00	9.00	0.00002	-230.00	-9.00	0.00002
-230.00	-11.00	0.00002	-230.00	-13.00	0.00002
-230.00	-15.00	0.00002	-230.00	-17.00	0.00002

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

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

18:02:13  
 \*\*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	0.00002	-230.00	-25.00	0.00002
-230.00	-30.00	0.00002	-230.00	-40.00	0.00002
-230.00	-50.00	0.00002	-230.00	-60.00	0.00002
-230.00	-70.00	0.00002	-230.00	-80.00	0.00002
-230.00	-90.00	0.00002	-230.00	-100.00	0.00002
-220.00	100.00	0.00003	-220.00	90.00	0.00003
-220.00	80.00	0.00003	-220.00	70.00	0.00003
-220.00	60.00	0.00003	-220.00	50.00	0.00003
-220.00	40.00	0.00003	-220.00	30.00	0.00003
-220.00	25.00	0.00003	-220.00	20.00	0.00003
-220.00	17.00	0.00003	-220.00	15.00	0.00003

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-220.00	13.00	0.00003	-220.00	11.00	0.00003
-220.00	9.00	0.00003	-220.00	-9.00	0.00002
-220.00	-11.00	0.00002	-220.00	-13.00	0.00002
-220.00	-15.00	0.00002	-220.00	-17.00	0.00002
-220.00	-20.00	0.00002	-220.00	-25.00	0.00002
-220.00	-30.00	0.00002	-220.00	-40.00	0.00002
-220.00	-50.00	0.00002	-220.00	-60.00	0.00002
-220.00	-70.00	0.00002	-220.00	-80.00	0.00002
-220.00	-90.00	0.00002	-220.00	-100.00	0.00002
-210.00	100.00	0.00003	-210.00	90.00	0.00003
-210.00	80.00	0.00003	-210.00	70.00	0.00003
-210.00	60.00	0.00003	-210.00	50.00	0.00003
-210.00	40.00	0.00003	-210.00	30.00	0.00003
-210.00	25.00	0.00003	-210.00	20.00	0.00003
-210.00	17.00	0.00003	-210.00	15.00	0.00003
-210.00	13.00	0.00003	-210.00	11.00	0.00003
-210.00	9.00	0.00003	-210.00	-9.00	0.00002
-210.00	-11.00	0.00002	-210.00	-13.00	0.00002
-210.00	-15.00	0.00002	-210.00	-17.00	0.00002
-210.00	-20.00	0.00002	-210.00	-25.00	0.00002
-210.00	-30.00	0.00002	-210.00	-40.00	0.00002
-210.00	-50.00	0.00002	-210.00	-60.00	0.00002
-210.00	-70.00	0.00002	-210.00	-80.00	0.00002
-210.00	-90.00	0.00002	-210.00	-100.00	0.00002
-200.00	100.00	0.00004	-200.00	90.00	0.00004
-200.00	80.00	0.00003	-200.00	70.00	0.00003
-200.00	60.00	0.00003	-200.00	50.00	0.00003
-200.00	40.00	0.00003	-200.00	30.00	0.00003
-200.00	25.00	0.00003	-200.00	20.00	0.00003

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

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

18:02:13

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00003	-200.00	15.00	0.00003
-200.00	13.00	0.00003	-200.00	11.00	0.00003
-200.00	9.00	0.00003	-200.00	-9.00	0.00003
-200.00	-11.00	0.00003	-200.00	-13.00	0.00003
-200.00	-15.00	0.00003	-200.00	-17.00	0.00003

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-200.00	-20.00	0.00002	-200.00	-25.00	0.00002
-200.00	-30.00	0.00002	-200.00	-40.00	0.00002
-200.00	-50.00	0.00002	-200.00	-60.00	0.00002
-200.00	-70.00	0.00002	-200.00	-80.00	0.00002
-200.00	-90.00	0.00002	-200.00	-100.00	0.00002
-190.00	100.00	0.00004	-190.00	90.00	0.00004
-190.00	80.00	0.00004	-190.00	70.00	0.00004
-190.00	60.00	0.00004	-190.00	50.00	0.00004
-190.00	40.00	0.00003	-190.00	30.00	0.00003
-190.00	25.00	0.00003	-190.00	20.00	0.00003
-190.00	17.00	0.00003	-190.00	15.00	0.00003
-190.00	13.00	0.00003	-190.00	11.00	0.00003
-190.00	9.00	0.00003	-190.00	-9.00	0.00003
-190.00	-11.00	0.00003	-190.00	-13.00	0.00003
-190.00	-15.00	0.00003	-190.00	-17.00	0.00003
-190.00	-20.00	0.00003	-190.00	-25.00	0.00003
-190.00	-30.00	0.00002	-190.00	-40.00	0.00002
-190.00	-50.00	0.00002	-190.00	-60.00	0.00002
-190.00	-70.00	0.00002	-190.00	-80.00	0.00002
-190.00	-90.00	0.00002	-190.00	-100.00	0.00002
-180.00	100.00	0.00004	-180.00	90.00	0.00004
-180.00	80.00	0.00004	-180.00	70.00	0.00004
-180.00	60.00	0.00004	-180.00	50.00	0.00004
-180.00	40.00	0.00004	-180.00	30.00	0.00003
-180.00	25.00	0.00003	-180.00	20.00	0.00003
-180.00	17.00	0.00003	-180.00	15.00	0.00003
-180.00	13.00	0.00003	-180.00	11.00	0.00003
-180.00	9.00	0.00003	-180.00	-9.00	0.00003
-180.00	-11.00	0.00003	-180.00	-13.00	0.00003
-180.00	-15.00	0.00003	-180.00	-17.00	0.00003
-180.00	-20.00	0.00003	-180.00	-25.00	0.00003
-180.00	-30.00	0.00003	-180.00	-40.00	0.00002
-180.00	-50.00	0.00002	-180.00	-60.00	0.00002
-180.00	-70.00	0.00002	-180.00	-80.00	0.00002
-180.00	-90.00	0.00002	-180.00	-100.00	0.00003

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

18:02:13  
\*\*MODELOPTs:  
PAGE 26  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
\*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	100.00	0.00004	-170.00	90.00	0.00004
-170.00	80.00	0.00004	-170.00	70.00	0.00004
-170.00	60.00	0.00004	-170.00	50.00	0.00004
-170.00	40.00	0.00004	-170.00	30.00	0.00004
-170.00	25.00	0.00004	-170.00	20.00	0.00004
-170.00	17.00	0.00003	-170.00	15.00	0.00003
-170.00	13.00	0.00003	-170.00	11.00	0.00003
-170.00	9.00	0.00003	-170.00	-9.00	0.00003
-170.00	-11.00	0.00003	-170.00	-13.00	0.00003
-170.00	-15.00	0.00003	-170.00	-17.00	0.00003
-170.00	-20.00	0.00003	-170.00	-25.00	0.00003
-170.00	-30.00	0.00003	-170.00	-40.00	0.00003
-170.00	-50.00	0.00003	-170.00	-60.00	0.00003
-170.00	-70.00	0.00003	-170.00	-80.00	0.00003
-170.00	-90.00	0.00003	-170.00	-100.00	0.00003
-160.00	100.00	0.00005	-160.00	90.00	0.00004
-160.00	80.00	0.00004	-160.00	70.00	0.00004
-160.00	60.00	0.00004	-160.00	50.00	0.00004
-160.00	40.00	0.00004	-160.00	30.00	0.00004
-160.00	25.00	0.00004	-160.00	20.00	0.00004
-160.00	17.00	0.00004	-160.00	15.00	0.00004
-160.00	13.00	0.00004	-160.00	11.00	0.00004
-160.00	9.00	0.00004	-160.00	-9.00	0.00003
-160.00	-11.00	0.00003	-160.00	-13.00	0.00003
-160.00	-15.00	0.00003	-160.00	-17.00	0.00003
-160.00	-20.00	0.00003	-160.00	-25.00	0.00003
-160.00	-30.00	0.00003	-160.00	-40.00	0.00003
-160.00	-50.00	0.00003	-160.00	-60.00	0.00003
-160.00	-70.00	0.00003	-160.00	-80.00	0.00003
-160.00	-90.00	0.00003	-160.00	-100.00	0.00003
-150.00	100.00	0.00005	-150.00	90.00	0.00005
-150.00	80.00	0.00005	-150.00	70.00	0.00005
-150.00	60.00	0.00004	-150.00	50.00	0.00004
-150.00	40.00	0.00004	-150.00	30.00	0.00004
-150.00	25.00	0.00004	-150.00	20.00	0.00004
-150.00	17.00	0.00004	-150.00	15.00	0.00004
-150.00	13.00	0.00004	-150.00	11.00	0.00004
-150.00	9.00	0.00004	-150.00	-9.00	0.00003
-150.00	-11.00	0.00003	-150.00	-13.00	0.00003
-150.00	-15.00	0.00003	-150.00	-17.00	0.00003

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTS:  
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\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-150.00	-20.00	0.00003	-150.00	-25.00	0.00003	
-150.00	-30.00	0.00003	-150.00	-40.00	0.00003	
-150.00	-50.00	0.00003	-150.00	-60.00	0.00003	
-150.00	-70.00	0.00003	-150.00	-80.00	0.00003	
-150.00	-90.00	0.00003	-150.00	-100.00	0.00003	
-140.00	100.00	0.00005	-140.00	90.00	0.00005	
-140.00	80.00	0.00005	-140.00	70.00	0.00005	
-140.00	60.00	0.00005	-140.00	50.00	0.00005	
-140.00	40.00	0.00005	-140.00	30.00	0.00004	
-140.00	25.00	0.00004	-140.00	20.00	0.00004	
-140.00	17.00	0.00004	-140.00	15.00	0.00004	
-140.00	13.00	0.00004	-140.00	11.00	0.00004	
-140.00	9.00	0.00004	-140.00	-9.00	0.00004	
-140.00	-11.00	0.00004	-140.00	-13.00	0.00003	
-140.00	-15.00	0.00003	-140.00	-17.00	0.00003	
-140.00	-20.00	0.00003	-140.00	-25.00	0.00003	
-140.00	-30.00	0.00003	-140.00	-40.00	0.00003	
-140.00	-50.00	0.00003	-140.00	-60.00	0.00003	
-140.00	-70.00	0.00003	-140.00	-80.00	0.00003	
-140.00	-90.00	0.00003	-140.00	-100.00	0.00003	
-130.00	100.00	0.00006	-130.00	90.00	0.00005	
-130.00	80.00	0.00005	-130.00	70.00	0.00005	
-130.00	60.00	0.00005	-130.00	50.00	0.00005	
-130.00	40.00	0.00005	-130.00	30.00	0.00005	
-130.00	25.00	0.00005	-130.00	20.00	0.00004	
-130.00	17.00	0.00004	-130.00	15.00	0.00004	
-130.00	13.00	0.00004	-130.00	11.00	0.00004	
-130.00	9.00	0.00004	-130.00	-9.00	0.00004	
-130.00	-11.00	0.00004	-130.00	-13.00	0.00004	
-130.00	-15.00	0.00004	-130.00	-17.00	0.00004	
-130.00	-20.00	0.00004	-130.00	-25.00	0.00003	
-130.00	-30.00	0.00003	-130.00	-40.00	0.00003	
-130.00	-50.00	0.00003	-130.00	-60.00	0.00003	
-130.00	-70.00	0.00003	-130.00	-80.00	0.00003	
-130.00	-90.00	0.00003	-130.00	-100.00	0.00003	
-120.00	100.00	0.00006	-120.00	90.00	0.00006	
-120.00	80.00	0.00006	-120.00	70.00	0.00005	

		03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound			
-120.00	60.00	0.00005	-120.00	50.00	0.00005
-120.00	40.00	0.00005	-120.00	30.00	0.00005
-120.00	25.00	0.00005	-120.00	20.00	0.00005

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

18:02:13

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00005	-120.00	15.00	0.00005
-120.00	13.00	0.00005	-120.00	11.00	0.00005
-120.00	9.00	0.00004	-120.00	-9.00	0.00004
-120.00	-11.00	0.00004	-120.00	-13.00	0.00004
-120.00	-15.00	0.00004	-120.00	-17.00	0.00004
-120.00	-20.00	0.00004	-120.00	-25.00	0.00004
-120.00	-30.00	0.00004	-120.00	-40.00	0.00003
-120.00	-50.00	0.00003	-120.00	-60.00	0.00003
-120.00	-70.00	0.00003	-120.00	-80.00	0.00003
-120.00	-90.00	0.00004	-120.00	-100.00	0.00004
-110.00	100.00	0.00006	-110.00	90.00	0.00006
-110.00	80.00	0.00006	-110.00	70.00	0.00006
-110.00	60.00	0.00006	-110.00	50.00	0.00006
-110.00	40.00	0.00005	-110.00	30.00	0.00005
-110.00	25.00	0.00005	-110.00	20.00	0.00005
-110.00	17.00	0.00005	-110.00	15.00	0.00005
-110.00	13.00	0.00005	-110.00	11.00	0.00005
-110.00	9.00	0.00005	-110.00	-9.00	0.00004
-110.00	-11.00	0.00004	-110.00	-13.00	0.00004
-110.00	-15.00	0.00004	-110.00	-17.00	0.00004
-110.00	-20.00	0.00004	-110.00	-25.00	0.00004
-110.00	-30.00	0.00004	-110.00	-40.00	0.00004
-110.00	-50.00	0.00004	-110.00	-60.00	0.00004
-110.00	-70.00	0.00004	-110.00	-80.00	0.00004
-110.00	-90.00	0.00004	-110.00	-100.00	0.00004
-100.00	100.00	0.00007	-100.00	90.00	0.00007
-100.00	80.00	0.00006	-100.00	70.00	0.00006
-100.00	60.00	0.00006	-100.00	50.00	0.00006
-100.00	40.00	0.00006	-100.00	30.00	0.00006
-100.00	25.00	0.00006	-100.00	20.00	0.00005
-100.00	17.00	0.00005	-100.00	15.00	0.00005

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-100.00	13.00	0.00005	-100.00	11.00	0.00005	
-100.00	9.00	0.00005	-100.00	-9.00	0.00005	
-100.00	-11.00	0.00004	-100.00	-13.00	0.00004	
-100.00	-15.00	0.00004	-100.00	-17.00	0.00004	
-100.00	-20.00	0.00004	-100.00	-25.00	0.00004	
-100.00	-30.00	0.00004	-100.00	-40.00	0.00004	
-100.00	-50.00	0.00004	-100.00	-60.00	0.00004	
-100.00	-70.00	0.00004	-100.00	-80.00	0.00004	
-100.00	-90.00	0.00004	-100.00	-100.00	0.00004	

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

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

18:02:13

\*\*MODELOPTs:  
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CONC                    URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-80.00	-20.00	0.00005	-80.00	-25.00	0.00005
-80.00	-30.00	0.00005	-80.00	-40.00	0.00004
-80.00	-50.00	0.00004	-80.00	-60.00	0.00004
-80.00	-70.00	0.00005	-80.00	-80.00	0.00005
-80.00	-90.00	0.00005	-80.00	-100.00	0.00004
-70.00	100.00	0.00009	-70.00	90.00	0.00009
-70.00	80.00	0.00008	-70.00	70.00	0.00008
-70.00	60.00	0.00008	-70.00	50.00	0.00007
-70.00	40.00	0.00007	-70.00	30.00	0.00007
-70.00	25.00	0.00007	-70.00	20.00	0.00007
-70.00	17.00	0.00007	-70.00	15.00	0.00007
-70.00	13.00	0.00007	-70.00	11.00	0.00006
-70.00	9.00	0.00006	-70.00	-9.00	0.00006
-70.00	-11.00	0.00005	-70.00	-13.00	0.00005
-70.00	-15.00	0.00005	-70.00	-17.00	0.00005

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

18:02:13  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S):            NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-30.00	40.00	0.00010	-30.00	30.00	0.00010	
-30.00	25.00	0.00010	-30.00	20.00	0.00010	
-30.00	17.00	0.00009	-30.00	15.00	0.00009	
-30.00	13.00	0.00009	-30.00	11.00	0.00009	
-30.00	9.00	0.00009	-30.00	-9.00	0.00008	
-30.00	-11.00	0.00007	-30.00	-13.00	0.00007	
-30.00	-15.00	0.00007	-30.00	-17.00	0.00007	
-30.00	-20.00	0.00007	-30.00	-25.00	0.00007	
-30.00	-30.00	0.00007	-30.00	-40.00	0.00007	
-30.00	-50.00	0.00007	-30.00	-60.00	0.00007	
-30.00	-70.00	0.00007	-30.00	-80.00	0.00007	
-30.00	-90.00	0.00006	-30.00	-100.00	0.00006	
-20.00	100.00	0.00015	-20.00	90.00	0.00014	
-20.00	80.00	0.00014	-20.00	70.00	0.00013	
-20.00	60.00	0.00012	-20.00	50.00	0.00012	
-20.00	40.00	0.00011	-20.00	30.00	0.00011	
-20.00	25.00	0.00011	-20.00	20.00	0.00011	
-20.00	17.00	0.00010	-20.00	15.00	0.00010	
-20.00	13.00	0.00010	-20.00	11.00	0.00010	
-20.00	9.00	0.00010	-20.00	-9.00	0.00008	
-20.00	-11.00	0.00008	-20.00	-13.00	0.00008	
-20.00	-15.00	0.00008	-20.00	-17.00	0.00008	
-20.00	-20.00	0.00008	-20.00	-25.00	0.00007	
-20.00	-30.00	0.00007	-20.00	-40.00	0.00007	
-20.00	-50.00	0.00007	-20.00	-60.00	0.00007	
-20.00	-70.00	0.00007	-20.00	-80.00	0.00007	
-20.00	-90.00	0.00007	-20.00	-100.00	0.00006	

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

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

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	9.00	0.00011	-10.00	-9.00	0.00009
-10.00	-11.00	0.00009	-10.00	-13.00	0.00009
-10.00	-15.00	0.00009	-10.00	-17.00	0.00008
-10.00	-20.00	0.00008	-10.00	-25.00	0.00008
-10.00	-30.00	0.00008	-10.00	-40.00	0.00008
-10.00	-50.00	0.00008	-10.00	-60.00	0.00008
-10.00	-70.00	0.00008	-10.00	-80.00	0.00008
-10.00	-90.00	0.00007	-10.00	-100.00	0.00007
0.00	100.00	0.00019	0.00	90.00	0.00018
0.00	80.00	0.00018	0.00	70.00	0.00017
0.00	60.00	0.00016	0.00	50.00	0.00015
0.00	40.00	0.00014	0.00	30.00	0.00014
0.00	25.00	0.00013	0.00	20.00	0.00013
0.00	17.00	0.00013	0.00	15.00	0.00013
0.00	13.00	0.00012	0.00	11.00	0.00012
0.00	9.00	0.00012	0.00	-9.00	0.00010
0.00	-11.00	0.00010	0.00	-13.00	0.00009
0.00	-15.00	0.00009	0.00	-17.00	0.00009
0.00	-20.00	0.00009	0.00	-25.00	0.00009
0.00	-30.00	0.00009	0.00	-40.00	0.00009
0.00	-50.00	0.00009	0.00	-60.00	0.00009
0.00	-70.00	0.00009	0.00	-80.00	0.00008
0.00	-90.00	0.00008	0.00	-100.00	0.00007
10.00	100.00	0.00021	10.00	90.00	0.00021
10.00	80.00	0.00020	10.00	70.00	0.00019
10.00	60.00	0.00018	10.00	50.00	0.00017
10.00	40.00	0.00016	10.00	30.00	0.00015
10.00	25.00	0.00015	10.00	20.00	0.00014
10.00	17.00	0.00014	10.00	15.00	0.00014
10.00	13.00	0.00014	10.00	11.00	0.00014
10.00	9.00	0.00013	10.00	-9.00	0.00011
10.00	-11.00	0.00011	10.00	-13.00	0.00010
10.00	-15.00	0.00010	10.00	-17.00	0.00010

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

18:02:13  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00010	10.00	-25.00	0.00010

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-30.00	0.00010	10.00	-40.00	0.00010
10.00	-50.00	0.00010	10.00	-60.00	0.00010
10.00	-70.00	0.00009	10.00	-80.00	0.00009
10.00	-90.00	0.00008	10.00	-100.00	0.00008
20.00	100.00	0.00025	20.00	90.00	0.00024
20.00	80.00	0.00023	20.00	70.00	0.00022
20.00	60.00	0.00021	20.00	50.00	0.00019
20.00	40.00	0.00018	20.00	30.00	0.00017
20.00	25.00	0.00017	20.00	20.00	0.00016
20.00	17.00	0.00016	20.00	15.00	0.00016
20.00	13.00	0.00016	20.00	11.00	0.00015
20.00	9.00	0.00015	20.00	-9.00	0.00012
20.00	-11.00	0.00012	20.00	-13.00	0.00012
20.00	-15.00	0.00011	20.00	-17.00	0.00011
20.00	-20.00	0.00011	20.00	-25.00	0.00011
20.00	-30.00	0.00011	20.00	-40.00	0.00011
20.00	-50.00	0.00011	20.00	-60.00	0.00011
20.00	-70.00	0.00010	20.00	-80.00	0.00010
20.00	-90.00	0.00009	20.00	-100.00	0.00008
30.00	100.00	0.00030	30.00	90.00	0.00028
30.00	80.00	0.00026	30.00	70.00	0.00025
30.00	60.00	0.00024	30.00	50.00	0.00022
30.00	40.00	0.00021	30.00	30.00	0.00019
30.00	25.00	0.00019	30.00	20.00	0.00019
30.00	17.00	0.00018	30.00	15.00	0.00018
30.00	13.00	0.00018	30.00	11.00	0.00017
30.00	9.00	0.00017	30.00	-9.00	0.00014
30.00	-11.00	0.00013	30.00	-13.00	0.00013
30.00	-15.00	0.00013	30.00	-17.00	0.00013
30.00	-20.00	0.00012	30.00	-25.00	0.00012
30.00	-30.00	0.00012	30.00	-40.00	0.00013
30.00	-50.00	0.00012	30.00	-60.00	0.00012
30.00	-70.00	0.00011	30.00	-80.00	0.00010
30.00	-90.00	0.00010	30.00	-100.00	0.00009
40.00	100.00	0.00036	40.00	90.00	0.00034
40.00	80.00	0.00031	40.00	70.00	0.00030
40.00	60.00	0.00028	40.00	50.00	0.00026
40.00	40.00	0.00024	40.00	30.00	0.00022
40.00	25.00	0.00022	40.00	20.00	0.00021

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

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

18:02:13  
 \*\*MODELOPTs:  
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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	0.00021	40.00	15.00	0.00020
40.00	13.00	0.00020	40.00	11.00	0.00020
40.00	9.00	0.00019	40.00	-9.00	0.00015
40.00	-11.00	0.00015	40.00	-13.00	0.00015
40.00	-15.00	0.00014	40.00	-17.00	0.00014
40.00	-20.00	0.00014	40.00	-25.00	0.00014
40.00	-30.00	0.00014	40.00	-40.00	0.00014
40.00	-50.00	0.00014	40.00	-60.00	0.00013
40.00	-70.00	0.00012	40.00	-80.00	0.00011
40.00	-90.00	0.00010	40.00	-100.00	0.00010
50.00	100.00	0.00045	50.00	90.00	0.00042
50.00	80.00	0.00038	50.00	70.00	0.00036
50.00	60.00	0.00033	50.00	50.00	0.00031
50.00	40.00	0.00029	50.00	30.00	0.00026
50.00	25.00	0.00025	50.00	20.00	0.00024
50.00	17.00	0.00024	50.00	15.00	0.00024
50.00	13.00	0.00023	50.00	11.00	0.00023
50.00	9.00	0.00022	50.00	-9.00	0.00017
50.00	-11.00	0.00017	50.00	-13.00	0.00017
50.00	-15.00	0.00016	50.00	-17.00	0.00016
50.00	-20.00	0.00016	50.00	-25.00	0.00016
50.00	-30.00	0.00016	50.00	-40.00	0.00016
50.00	-50.00	0.00016	50.00	-60.00	0.00014
50.00	-70.00	0.00013	50.00	-80.00	0.00012
50.00	-90.00	0.00011	50.00	-100.00	0.00011
60.00	100.00	0.00055	60.00	90.00	0.00052
60.00	80.00	0.00048	60.00	70.00	0.00044
60.00	60.00	0.00040	60.00	50.00	0.00037
60.00	40.00	0.00034	60.00	30.00	0.00031
60.00	25.00	0.00030	60.00	20.00	0.00029
60.00	17.00	0.00028	60.00	15.00	0.00028
60.00	13.00	0.00027	60.00	11.00	0.00027
60.00	9.00	0.00026	60.00	-9.00	0.00020
60.00	-11.00	0.00019	60.00	-13.00	0.00019
60.00	-15.00	0.00019	60.00	-17.00	0.00019
60.00	-20.00	0.00019	60.00	-25.00	0.00019
60.00	-30.00	0.00019	60.00	-40.00	0.00018
60.00	-50.00	0.00017	60.00	-60.00	0.00016
60.00	-70.00	0.00015	60.00	-80.00	0.00014

60.00 -90.00 03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound  
 0.00013 60.00 -100.00 0.00012

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

18:02:13  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00068	70.00	90.00	0.00066
70.00	80.00	0.00062	70.00	70.00	0.00057
70.00	60.00	0.00051	70.00	50.00	0.00046
70.00	40.00	0.00042	70.00	30.00	0.00038
70.00	25.00	0.00036	70.00	20.00	0.00034
70.00	17.00	0.00033	70.00	15.00	0.00033
70.00	13.00	0.00032	70.00	11.00	0.00031
70.00	9.00	0.00031	70.00	-9.00	0.00023
70.00	-11.00	0.00022	70.00	-13.00	0.00022
70.00	-15.00	0.00022	70.00	-17.00	0.00022
70.00	-20.00	0.00022	70.00	-25.00	0.00022
70.00	-30.00	0.00022	70.00	-40.00	0.00021
70.00	-50.00	0.00019	70.00	-60.00	0.00018
70.00	-70.00	0.00016	70.00	-80.00	0.00015
70.00	-90.00	0.00014	70.00	-100.00	0.00013
80.00	100.00	0.00084	80.00	90.00	0.00083
80.00	80.00	0.00080	80.00	70.00	0.00075
80.00	60.00	0.00068	80.00	50.00	0.00060
80.00	40.00	0.00053	80.00	30.00	0.00047
80.00	25.00	0.00044	80.00	20.00	0.00041
80.00	17.00	0.00040	80.00	15.00	0.00039
80.00	13.00	0.00038	80.00	11.00	0.00037
80.00	9.00	0.00037	80.00	-9.00	0.00027
80.00	-11.00	0.00026	80.00	-13.00	0.00026
80.00	-15.00	0.00026	80.00	-17.00	0.00026
80.00	-20.00	0.00026	80.00	-25.00	0.00026
80.00	-30.00	0.00026	80.00	-40.00	0.00024
80.00	-50.00	0.00022	80.00	-60.00	0.00020
80.00	-70.00	0.00018	80.00	-80.00	0.00017
80.00	-90.00	0.00016	80.00	-100.00	0.00015
90.00	100.00	0.00101	90.00	90.00	0.00103
90.00	80.00	0.00102	90.00	70.00	0.00099
90.00	60.00	0.00093	90.00	50.00	0.00082

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
90.00	40.00	0.00070	90.00	30.00	0.00060	
90.00	25.00	0.00056	90.00	20.00	0.00051	
90.00	17.00	0.00049	90.00	15.00	0.00048	
90.00	13.00	0.00047	90.00	11.00	0.00045	
90.00	9.00	0.00044	90.00	-9.00	0.00032	
90.00	-11.00	0.00031	90.00	-13.00	0.00031	
90.00	-15.00	0.00031	90.00	-17.00	0.00031	

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08  
 18:02:13  
 \*\*MODELOPTs:      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 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	0.00031	90.00	-25.00	0.00031	
90.00	-30.00	0.00030	90.00	-40.00	0.00027	
90.00	-50.00	0.00025	90.00	-60.00	0.00023	
90.00	-70.00	0.00021	90.00	-80.00	0.00019	
90.00	-90.00	0.00018	90.00	-100.00	0.00017	
100.00	100.00	0.00121	100.00	90.00	0.00126	
100.00	80.00	0.00129	100.00	70.00	0.00129	
100.00	60.00	0.00126	100.00	50.00	0.00118	
100.00	40.00	0.00101	100.00	30.00	0.00082	
100.00	25.00	0.00074	100.00	20.00	0.00067	
100.00	17.00	0.00063	100.00	15.00	0.00060	
100.00	13.00	0.00058	100.00	11.00	0.00056	
100.00	9.00	0.00054	100.00	-9.00	0.00038	
100.00	-11.00	0.00038	100.00	-13.00	0.00037	
100.00	-15.00	0.00037	100.00	-17.00	0.00037	
100.00	-20.00	0.00037	100.00	-25.00	0.00036	
100.00	-30.00	0.00034	100.00	-40.00	0.00031	
100.00	-50.00	0.00029	100.00	-60.00	0.00026	
100.00	-70.00	0.00024	100.00	-80.00	0.00022	
100.00	-90.00	0.00021	100.00	-100.00	0.00020	
110.00	100.00	0.00142	110.00	90.00	0.00152	
110.00	80.00	0.00160	110.00	70.00	0.00166	
110.00	60.00	0.00169	110.00	50.00	0.00166	
110.00	40.00	0.00154	110.00	30.00	0.00126	
110.00	25.00	0.00109	110.00	20.00	0.00093	
110.00	17.00	0.00085	110.00	15.00	0.00081	
110.00	13.00	0.00077	110.00	11.00	0.00073	

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
110.00	9.00	0.00069	110.00	-9.00	0.00046	
110.00	-11.00	0.00046	110.00	-13.00	0.00046	
110.00	-15.00	0.00045	110.00	-17.00	0.00045	
110.00	-20.00	0.00044	110.00	-25.00	0.00042	
110.00	-30.00	0.00040	110.00	-40.00	0.00037	
110.00	-50.00	0.00034	110.00	-60.00	0.00031	
110.00	-70.00	0.00029	110.00	-80.00	0.00027	
110.00	-90.00	0.00025	110.00	-100.00	0.00023	
120.00	100.00	0.00163	120.00	90.00	0.00178	
120.00	80.00	0.00193	120.00	70.00	0.00207	
120.00	60.00	0.00220	120.00	50.00	0.00228	
120.00	40.00	0.00228	120.00	30.00	0.00208	
120.00	25.00	0.00188	120.00	20.00	0.00160	

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

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 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3 **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
120.00	17.00	0.00140	120.00	15.00	0.00127	
120.00	13.00	0.00115	120.00	11.00	0.00105	
120.00	9.00	0.00096	120.00	-9.00	0.00057	
120.00	-11.00	0.00056	120.00	-13.00	0.00055	
120.00	-15.00	0.00055	120.00	-17.00	0.00054	
120.00	-20.00	0.00053	120.00	-25.00	0.00051	
120.00	-30.00	0.00049	120.00	-40.00	0.00046	
120.00	-50.00	0.00042	120.00	-60.00	0.00038	
120.00	-70.00	0.00035	120.00	-80.00	0.00032	
120.00	-90.00	0.00030	120.00	-100.00	0.00027	
130.00	100.00	0.00182	130.00	90.00	0.00203	
130.00	80.00	0.00226	130.00	70.00	0.00250	
130.00	60.00	0.00274	130.00	50.00	0.00298	
130.00	40.00	0.00318	130.00	30.00	0.00324	
130.00	25.00	0.00317	130.00	20.00	0.00299	
130.00	17.00	0.00281	130.00	15.00	0.00265	
130.00	13.00	0.00247	130.00	11.00	0.00225	
130.00	9.00	0.00200	130.00	-9.00	0.00074	
130.00	-11.00	0.00073	130.00	-13.00	0.00072	
130.00	-15.00	0.00071	130.00	-17.00	0.00071	
130.00	-20.00	0.00070	130.00	-25.00	0.00067	

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
130.00	-30.00	0.00065	130.00	-40.00	0.00059
130.00	-50.00	0.00054	130.00	-60.00	0.00048
130.00	-70.00	0.00044	130.00	-80.00	0.00039
130.00	-90.00	0.00036	130.00	-100.00	0.00032
140.00	100.00	0.00198	140.00	90.00	0.00224
140.00	80.00	0.00253	140.00	70.00	0.00287
140.00	60.00	0.00323	140.00	50.00	0.00362
140.00	40.00	0.00403	140.00	30.00	0.00440
140.00	25.00	0.00453	140.00	20.00	0.00460
140.00	17.00	0.00460	140.00	15.00	0.00459
140.00	13.00	0.00458	140.00	11.00	0.00458
140.00	9.00	0.00460	140.00	-9.00	0.00146
140.00	-11.00	0.00132	140.00	-13.00	0.00123
140.00	-15.00	0.00117	140.00	-17.00	0.00112
140.00	-20.00	0.00106	140.00	-25.00	0.00098
140.00	-30.00	0.00091	140.00	-40.00	0.00079
140.00	-50.00	0.00069	140.00	-60.00	0.00061
140.00	-70.00	0.00054	140.00	-80.00	0.00047
140.00	-90.00	0.00042	140.00	-100.00	0.00038

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00208	150.00	90.00	0.00238
150.00	80.00	0.00273	150.00	70.00	0.00314
150.00	60.00	0.00360	150.00	50.00	0.00411
150.00	40.00	0.00466	150.00	30.00	0.00520
150.00	25.00	0.00545	150.00	20.00	0.00565
150.00	17.00	0.00574	150.00	15.00	0.00579
150.00	13.00	0.00583	150.00	11.00	0.00587
150.00	9.00	0.00591	150.00	-9.00	0.00253
150.00	-11.00	0.00232	150.00	-13.00	0.00214
150.00	-15.00	0.00199	150.00	-17.00	0.00185
150.00	-20.00	0.00168	150.00	-25.00	0.00146
150.00	-30.00	0.00130	150.00	-40.00	0.00107
150.00	-50.00	0.00090	150.00	-60.00	0.00076
150.00	-70.00	0.00066	150.00	-80.00	0.00057
150.00	-90.00	0.00050	150.00	-100.00	0.00044

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
160.00	100.00	0.00213	160.00	90.00	0.00245	
160.00	80.00	0.00285	160.00	70.00	0.00331	
160.00	60.00	0.00385	160.00	50.00	0.00445	
160.00	40.00	0.00510	160.00	30.00	0.00578	
160.00	25.00	0.00609	160.00	20.00	0.00636	
160.00	17.00	0.00648	160.00	15.00	0.00653	
160.00	13.00	0.00656	160.00	11.00	0.00658	
160.00	9.00	0.00661	160.00	-9.00	0.00321	
160.00	-11.00	0.00300	160.00	-13.00	0.00283	
160.00	-15.00	0.00268	160.00	-17.00	0.00254	
160.00	-20.00	0.00234	160.00	-25.00	0.00203	
160.00	-30.00	0.00178	160.00	-40.00	0.00140	
160.00	-50.00	0.00114	160.00	-60.00	0.00095	
160.00	-70.00	0.00080	160.00	-80.00	0.00068	
160.00	-90.00	0.00058	160.00	-100.00	0.00051	
170.00	100.00	0.00212	170.00	90.00	0.00246	
170.00	80.00	0.00287	170.00	70.00	0.00337	
170.00	60.00	0.00397	170.00	50.00	0.00466	
170.00	40.00	0.00541	170.00	30.00	0.00618	
170.00	25.00	0.00654	170.00	20.00	0.00682	
170.00	17.00	0.00693	170.00	15.00	0.00698	
170.00	13.00	0.00701	170.00	11.00	0.00702	
170.00	9.00	0.00705	170.00	-9.00	0.00367	
170.00	-11.00	0.00347	170.00	-13.00	0.00330	
170.00	-15.00	0.00315	170.00	-17.00	0.00301	

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

18:02:13  
 \*\*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	0.00282	170.00	-25.00	0.00252
170.00	-30.00	0.00224	170.00	-40.00	0.00176
170.00	-50.00	0.00140	170.00	-60.00	0.00114
170.00	-70.00	0.00095	170.00	-80.00	0.00080
170.00	-90.00	0.00068	170.00	-100.00	0.00058
180.00	100.00	0.00207	180.00	90.00	0.00240
180.00	80.00	0.00282	180.00	70.00	0.00333
180.00	60.00	0.00396	180.00	50.00	0.00472
180.00	40.00	0.00557	180.00	30.00	0.00642

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	25.00	0.00679	180.00	20.00	0.00708
180.00	17.00	0.00720	180.00	15.00	0.00725
180.00	13.00	0.00729	180.00	11.00	0.00731
180.00	9.00	0.00734	180.00	-9.00	0.00400
180.00	-11.00	0.00381	180.00	-13.00	0.00364
180.00	-15.00	0.00349	180.00	-17.00	0.00335
180.00	-20.00	0.00316	180.00	-25.00	0.00286
180.00	-30.00	0.00258	180.00	-40.00	0.00209
180.00	-50.00	0.00166	180.00	-60.00	0.00134
180.00	-70.00	0.00110	180.00	-80.00	0.00091
180.00	-90.00	0.00077	180.00	-100.00	0.00066
190.00	100.00	0.00197	190.00	90.00	0.00229
190.00	80.00	0.00269	190.00	70.00	0.00319
190.00	60.00	0.00382	190.00	50.00	0.00460
190.00	40.00	0.00552	190.00	30.00	0.00647
190.00	25.00	0.00688	190.00	20.00	0.00720
190.00	17.00	0.00734	190.00	15.00	0.00740
190.00	13.00	0.00745	190.00	11.00	0.00748
190.00	9.00	0.00751	190.00	-9.00	0.00423
190.00	-11.00	0.00404	190.00	-13.00	0.00388
190.00	-15.00	0.00373	190.00	-17.00	0.00359
190.00	-20.00	0.00340	190.00	-25.00	0.00310
190.00	-30.00	0.00283	190.00	-40.00	0.00234
190.00	-50.00	0.00190	190.00	-60.00	0.00153
190.00	-70.00	0.00124	190.00	-80.00	0.00102
190.00	-90.00	0.00086	190.00	-100.00	0.00072
200.00	100.00	0.00183	200.00	90.00	0.00213
200.00	80.00	0.00250	200.00	70.00	0.00296
200.00	60.00	0.00355	200.00	50.00	0.00429
200.00	40.00	0.00520	200.00	30.00	0.00623
200.00	25.00	0.00672	200.00	20.00	0.00714

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

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 \*\*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	0.00732	200.00	15.00	0.00741
200.00	13.00	0.00748	200.00	11.00	0.00753
200.00	9.00	0.00758	200.00	-9.00	0.00437

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
200.00	-11.00	0.00418	200.00	-13.00	0.00403
200.00	-15.00	0.00389	200.00	-17.00	0.00376
200.00	-20.00	0.00357	200.00	-25.00	0.00328
200.00	-30.00	0.00301	200.00	-40.00	0.00251
200.00	-50.00	0.00207	200.00	-60.00	0.00168
200.00	-70.00	0.00137	200.00	-80.00	0.00113
200.00	-90.00	0.00093	200.00	-100.00	0.00079
210.00	100.00	0.00167	210.00	90.00	0.00193
210.00	80.00	0.00225	210.00	70.00	0.00266
210.00	60.00	0.00317	210.00	50.00	0.00381
210.00	40.00	0.00460	210.00	30.00	0.00555
210.00	25.00	0.00609	210.00	20.00	0.00664
210.00	17.00	0.00694	210.00	15.00	0.00711
210.00	13.00	0.00726	210.00	11.00	0.00737
210.00	9.00	0.00748	210.00	-9.00	0.00444
210.00	-11.00	0.00425	210.00	-13.00	0.00410
210.00	-15.00	0.00398	210.00	-17.00	0.00385
210.00	-20.00	0.00367	210.00	-25.00	0.00338
210.00	-30.00	0.00310	210.00	-40.00	0.00260
210.00	-50.00	0.00216	210.00	-60.00	0.00178
210.00	-70.00	0.00147	210.00	-80.00	0.00121
210.00	-90.00	0.00100	210.00	-100.00	0.00084
220.00	100.00	0.00150	220.00	90.00	0.00172
220.00	80.00	0.00198	220.00	70.00	0.00231
220.00	60.00	0.00271	220.00	50.00	0.00320
220.00	40.00	0.00379	220.00	30.00	0.00451
220.00	25.00	0.00492	220.00	20.00	0.00537
220.00	17.00	0.00565	220.00	15.00	0.00585
220.00	13.00	0.00607	220.00	11.00	0.00631
220.00	9.00	0.00658	220.00	-9.00	0.00441
220.00	-11.00	0.00423	220.00	-13.00	0.00407
220.00	-15.00	0.00395	220.00	-17.00	0.00383
220.00	-20.00	0.00365	220.00	-25.00	0.00337
220.00	-30.00	0.00309	220.00	-40.00	0.00261
220.00	-50.00	0.00218	220.00	-60.00	0.00182
220.00	-70.00	0.00152	220.00	-80.00	0.00126
220.00	-90.00	0.00105	220.00	-100.00	0.00088

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

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

18:02:13  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*



03NCRA\_SR03-300\_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
230.00	100.00	0.00133	230.00	90.00	0.00151
230.00	80.00	0.00173	230.00	70.00	0.00198
230.00	60.00	0.00228	230.00	50.00	0.00262
230.00	40.00	0.00300	230.00	30.00	0.00342
230.00	25.00	0.00364	230.00	20.00	0.00384
230.00	17.00	0.00395	230.00	15.00	0.00401
230.00	13.00	0.00405	230.00	11.00	0.00408
230.00	9.00	0.00408	230.00	-9.00	0.00378
230.00	-11.00	0.00374	230.00	-13.00	0.00367
230.00	-15.00	0.00360	230.00	-17.00	0.00353
230.00	-20.00	0.00340	230.00	-25.00	0.00318
230.00	-30.00	0.00295	230.00	-40.00	0.00252
230.00	-50.00	0.00214	230.00	-60.00	0.00181
230.00	-70.00	0.00153	230.00	-80.00	0.00129
230.00	-90.00	0.00108	230.00	-100.00	0.00092
240.00	100.00	0.00119	240.00	90.00	0.00133
240.00	80.00	0.00150	240.00	70.00	0.00170
240.00	60.00	0.00192	240.00	50.00	0.00216
240.00	40.00	0.00241	240.00	30.00	0.00266
240.00	25.00	0.00277	240.00	20.00	0.00285
240.00	17.00	0.00287	240.00	15.00	0.00287
240.00	13.00	0.00287	240.00	11.00	0.00285
240.00	9.00	0.00283	240.00	-9.00	0.00275
240.00	-11.00	0.00280	240.00	-13.00	0.00284
240.00	-15.00	0.00287	240.00	-17.00	0.00288
240.00	-20.00	0.00286	240.00	-25.00	0.00279
240.00	-30.00	0.00265	240.00	-40.00	0.00233
240.00	-50.00	0.00202	240.00	-60.00	0.00174
240.00	-70.00	0.00150	240.00	-80.00	0.00128
240.00	-90.00	0.00109	240.00	-100.00	0.00093
250.00	100.00	0.00106	250.00	90.00	0.00118
250.00	80.00	0.00131	250.00	70.00	0.00146
250.00	60.00	0.00163	250.00	50.00	0.00180
250.00	40.00	0.00196	250.00	30.00	0.00210
250.00	25.00	0.00214	250.00	20.00	0.00216
250.00	17.00	0.00216	250.00	15.00	0.00216
250.00	13.00	0.00216	250.00	11.00	0.00216
250.00	9.00	0.00216	250.00	-9.00	0.00213
250.00	-11.00	0.00216	250.00	-13.00	0.00220
250.00	-15.00	0.00222	250.00	-17.00	0.00224

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00226	250.00	-25.00	0.00227
250.00	-30.00	0.00224	250.00	-40.00	0.00207
250.00	-50.00	0.00185	250.00	-60.00	0.00163
250.00	-70.00	0.00142	250.00	-80.00	0.00124
250.00	-90.00	0.00108	250.00	-100.00	0.00093

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-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	0.00003
-240.00	-11.00	0.00003	-240.00	-13.00	0.00003
-240.00	-15.00	0.00003	-240.00	-17.00	0.00003
-240.00	-20.00	0.00003	-240.00	-25.00	0.00003
-240.00	-30.00	0.00003	-240.00	-40.00	0.00003
-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	0.00004
-230.00	25.00	0.00004	-230.00	20.00	0.00004
-230.00	17.00	0.00004	-230.00	15.00	0.00004
-230.00	13.00	0.00004	-230.00	11.00	0.00004
-230.00	9.00	0.00004	-230.00	-9.00	0.00004
-230.00	-11.00	0.00004	-230.00	-13.00	0.00003
-230.00	-15.00	0.00003	-230.00	-17.00	0.00003

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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
-230.00	-20.00	0.00003	-230.00	-25.00	0.00003
-230.00	-30.00	0.00003	-230.00	-40.00	0.00003
-230.00	-50.00	0.00003	-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	0.00005
-220.00	80.00	0.00005	-220.00	70.00	0.00005
-220.00	60.00	0.00005	-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	0.00004
-220.00	17.00	0.00004	-220.00	15.00	0.00004
-220.00	13.00	0.00004	-220.00	11.00	0.00004
-220.00	9.00	0.00004	-220.00	-9.00	0.00004
-220.00	-11.00	0.00004	-220.00	-13.00	0.00004

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-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	0.00004
-200.00	-11.00	0.00004	-200.00	-13.00	0.00004
-200.00	-15.00	0.00004	-200.00	-17.00	0.00004
-200.00	-20.00	0.00004	-200.00	-25.00	0.00004
-200.00	-30.00	0.00004	-200.00	-40.00	0.00004
-200.00	-50.00	0.00004	-200.00	-60.00	0.00004

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-70.00	0.00004	-200.00	-80.00	0.00004
-200.00	-90.00	0.00004	-200.00	-100.00	0.00004
-190.00	100.00	0.00007	-190.00	90.00	0.00007
-190.00	80.00	0.00006	-190.00	70.00	0.00006
-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	0.00005
-190.00	17.00	0.00005	-190.00	15.00	0.00005
-190.00	13.00	0.00005	-190.00	11.00	0.00005
-190.00	9.00	0.00005	-190.00	-9.00	0.00005
-190.00	-11.00	0.00004	-190.00	-13.00	0.00004
-190.00	-15.00	0.00004	-190.00	-17.00	0.00004
-190.00	-20.00	0.00004	-190.00	-25.00	0.00004
-190.00	-30.00	0.00004	-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	0.00004
-190.00	-90.00	0.00004	-190.00	-100.00	0.00004
-180.00	100.00	0.00008	-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	0.00006
-180.00	40.00	0.00006	-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	0.00005	-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	0.00004	-180.00	-25.00	0.00004
-180.00	-30.00	0.00004	-180.00	-40.00	0.00004
-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	0.00004	-180.00	-100.00	0.00004

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

18:02:13  
 \*\*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	0.00008	-170.00	90.00	0.00008
-170.00	80.00	0.00008	-170.00	70.00	0.00007

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-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	0.00006	-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	0.00005
-170.00	-11.00	0.00005	-170.00	-13.00	0.00005
-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	0.00004
-170.00	-50.00	0.00004	-170.00	-60.00	0.00004
-170.00	-70.00	0.00005	-170.00	-80.00	0.00005
-170.00	-90.00	0.00005	-170.00	-100.00	0.00004
-160.00	100.00	0.00009	-160.00	90.00	0.00009
-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	0.00006
-160.00	9.00	0.00006	-160.00	-9.00	0.00006
-160.00	-11.00	0.00005	-160.00	-13.00	0.00005
-160.00	-15.00	0.00005	-160.00	-17.00	0.00005
-160.00	-20.00	0.00005	-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	0.00005
-160.00	-70.00	0.00005	-160.00	-80.00	0.00005
-160.00	-90.00	0.00005	-160.00	-100.00	0.00005
-150.00	100.00	0.00010	-150.00	90.00	0.00010
-150.00	80.00	0.00009	-150.00	70.00	0.00009
-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	0.00008	-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 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S):      NCRA\_S2 ,  
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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00009	-120.00	15.00	0.00009
-120.00	13.00	0.00009	-120.00	11.00	0.00009
-120.00	9.00	0.00009	-120.00	-9.00	0.00008
-120.00	-11.00	0.00007	-120.00	-13.00	0.00007
-120.00	-15.00	0.00007	-120.00	-17.00	0.00007
-120.00	-20.00	0.00007	-120.00	-25.00	0.00007
-120.00	-30.00	0.00007	-120.00	-40.00	0.00007
-120.00	-50.00	0.00007	-120.00	-60.00	0.00007
-120.00	-70.00	0.00007	-120.00	-80.00	0.00007
-120.00	-90.00	0.00006	-120.00	-100.00	0.00006
-110.00	100.00	0.00015	-110.00	90.00	0.00014
-110.00	80.00	0.00014	-110.00	70.00	0.00013
-110.00	60.00	0.00012	-110.00	50.00	0.00012
-110.00	40.00	0.00011	-110.00	30.00	0.00011
-110.00	25.00	0.00011	-110.00	20.00	0.00011
-110.00	17.00	0.00010	-110.00	15.00	0.00010
-110.00	13.00	0.00010	-110.00	11.00	0.00010
-110.00	9.00	0.00010	-110.00	-9.00	0.00008
-110.00	-11.00	0.00008	-110.00	-13.00	0.00008
-110.00	-15.00	0.00008	-110.00	-17.00	0.00008
-110.00	-20.00	0.00008	-110.00	-25.00	0.00007
-110.00	-30.00	0.00007	-110.00	-40.00	0.00007
-110.00	-50.00	0.00007	-110.00	-60.00	0.00007
-110.00	-70.00	0.00007	-110.00	-80.00	0.00007
-110.00	-90.00	0.00007	-110.00	-100.00	0.00006
-100.00	100.00	0.00017	-100.00	90.00	0.00016
-100.00	80.00	0.00016	-100.00	70.00	0.00015
-100.00	60.00	0.00014	-100.00	50.00	0.00013
-100.00	40.00	0.00013	-100.00	30.00	0.00012
-100.00	25.00	0.00012	-100.00	20.00	0.00012
-100.00	17.00	0.00011	-100.00	15.00	0.00011
-100.00	13.00	0.00011	-100.00	11.00	0.00011
-100.00	9.00	0.00011	-100.00	-9.00	0.00009
-100.00	-11.00	0.00009	-100.00	-13.00	0.00009



X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-15.00	0.00009	-100.00	-17.00	0.00008
-100.00	-20.00	0.00008	-100.00	-25.00	0.00008
-100.00	-30.00	0.00008	-100.00	-40.00	0.00008
-100.00	-50.00	0.00008	-100.00	-60.00	0.00008
-100.00	-70.00	0.00008	-100.00	-80.00	0.00008
-100.00	-90.00	0.00007	-100.00	-100.00	0.00007

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-80.00	-70.00	0.00009	-80.00	-80.00	0.00009
-80.00	-90.00	0.00008	-80.00	-100.00	0.00008
-70.00	100.00	0.00025	-70.00	90.00	0.00024
-70.00	80.00	0.00023	-70.00	70.00	0.00022
-70.00	60.00	0.00021	-70.00	50.00	0.00019
-70.00	40.00	0.00018	-70.00	30.00	0.00017
-70.00	25.00	0.00017	-70.00	20.00	0.00016
-70.00	17.00	0.00016	-70.00	15.00	0.00016
-70.00	13.00	0.00016	-70.00	11.00	0.00015
-70.00	9.00	0.00015	-70.00	-9.00	0.00012
-70.00	-11.00	0.00012	-70.00	-13.00	0.00012
-70.00	-15.00	0.00011	-70.00	-17.00	0.00011

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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	0.00011	-70.00	-25.00	0.00011
-70.00	-30.00	0.00011	-70.00	-40.00	0.00011
-70.00	-50.00	0.00011	-70.00	-60.00	0.00011
-70.00	-70.00	0.00010	-70.00	-80.00	0.00010
-70.00	-90.00	0.00009	-70.00	-100.00	0.00008
-60.00	100.00	0.00030	-60.00	90.00	0.00028
-60.00	80.00	0.00026	-60.00	70.00	0.00025
-60.00	60.00	0.00024	-60.00	50.00	0.00022
-60.00	40.00	0.00021	-60.00	30.00	0.00019
-60.00	25.00	0.00019	-60.00	20.00	0.00019
-60.00	17.00	0.00018	-60.00	15.00	0.00018
-60.00	13.00	0.00018	-60.00	11.00	0.00017
-60.00	9.00	0.00017	-60.00	-9.00	0.00014
-60.00	-11.00	0.00013	-60.00	-13.00	0.00013
-60.00	-15.00	0.00013	-60.00	-17.00	0.00013
-60.00	-20.00	0.00012	-60.00	-25.00	0.00012
-60.00	-30.00	0.00012	-60.00	-40.00	0.00013
-60.00	-50.00	0.00012	-60.00	-60.00	0.00012
-60.00	-70.00	0.00011	-60.00	-80.00	0.00010
-60.00	-90.00	0.00010	-60.00	-100.00	0.00009
-50.00	100.00	0.00036	-50.00	90.00	0.00034
-50.00	80.00	0.00031	-50.00	70.00	0.00030

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-50.00	60.00	0.00028	-50.00	50.00	0.00026	
-50.00	40.00	0.00024	-50.00	30.00	0.00022	
-50.00	25.00	0.00022	-50.00	20.00	0.00021	
-50.00	17.00	0.00021	-50.00	15.00	0.00020	
-50.00	13.00	0.00020	-50.00	11.00	0.00020	
-50.00	9.00	0.00019	-50.00	-9.00	0.00015	
-50.00	-11.00	0.00015	-50.00	-13.00	0.00015	
-50.00	-15.00	0.00014	-50.00	-17.00	0.00014	
-50.00	-20.00	0.00014	-50.00	-25.00	0.00014	
-50.00	-30.00	0.00014	-50.00	-40.00	0.00014	
-50.00	-50.00	0.00014	-50.00	-60.00	0.00013	
-50.00	-70.00	0.00012	-50.00	-80.00	0.00011	
-50.00	-90.00	0.00010	-50.00	-100.00	0.00010	
-40.00	100.00	0.00045	-40.00	90.00	0.00042	
-40.00	80.00	0.00038	-40.00	70.00	0.00036	
-40.00	60.00	0.00033	-40.00	50.00	0.00031	
-40.00	40.00	0.00029	-40.00	30.00	0.00026	
-40.00	25.00	0.00025	-40.00	20.00	0.00024	

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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
-40.00	17.00	0.00024	-40.00	15.00	0.00024
-40.00	13.00	0.00023	-40.00	11.00	0.00023
-40.00	9.00	0.00022	-40.00	-9.00	0.00017
-40.00	-11.00	0.00017	-40.00	-13.00	0.00017
-40.00	-15.00	0.00016	-40.00	-17.00	0.00016
-40.00	-20.00	0.00016	-40.00	-25.00	0.00016
-40.00	-30.00	0.00016	-40.00	-40.00	0.00016
-40.00	-50.00	0.00016	-40.00	-60.00	0.00014
-40.00	-70.00	0.00013	-40.00	-80.00	0.00012
-40.00	-90.00	0.00011	-40.00	-100.00	0.00011
-30.00	100.00	0.00055	-30.00	90.00	0.00052
-30.00	80.00	0.00048	-30.00	70.00	0.00044
-30.00	60.00	0.00040	-30.00	50.00	0.00037
-30.00	40.00	0.00034	-30.00	30.00	0.00031
-30.00	25.00	0.00030	-30.00	20.00	0.00029
-30.00	17.00	0.00028	-30.00	15.00	0.00028

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-30.00	13.00	0.00027	-30.00	11.00	0.00027	
-30.00	9.00	0.00026	-30.00	-9.00	0.00020	
-30.00	-11.00	0.00019	-30.00	-13.00	0.00019	
-30.00	-15.00	0.00019	-30.00	-17.00	0.00019	
-30.00	-20.00	0.00019	-30.00	-25.00	0.00019	
-30.00	-30.00	0.00019	-30.00	-40.00	0.00018	
-30.00	-50.00	0.00017	-30.00	-60.00	0.00016	
-30.00	-70.00	0.00015	-30.00	-80.00	0.00014	
-30.00	-90.00	0.00013	-30.00	-100.00	0.00012	
-20.00	100.00	0.00068	-20.00	90.00	0.00066	
-20.00	80.00	0.00062	-20.00	70.00	0.00057	
-20.00	60.00	0.00051	-20.00	50.00	0.00046	
-20.00	40.00	0.00042	-20.00	30.00	0.00038	
-20.00	25.00	0.00036	-20.00	20.00	0.00034	
-20.00	17.00	0.00033	-20.00	15.00	0.00033	
-20.00	13.00	0.00032	-20.00	11.00	0.00031	
-20.00	9.00	0.00031	-20.00	-9.00	0.00023	
-20.00	-11.00	0.00022	-20.00	-13.00	0.00022	
-20.00	-15.00	0.00022	-20.00	-17.00	0.00022	
-20.00	-20.00	0.00022	-20.00	-25.00	0.00022	
-20.00	-30.00	0.00022	-20.00	-40.00	0.00021	
-20.00	-50.00	0.00019	-20.00	-60.00	0.00018	
-20.00	-70.00	0.00016	-20.00	-80.00	0.00015	
-20.00	-90.00	0.00014	-20.00	-100.00	0.00013	

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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
-10.00	100.00	0.00084	-10.00	90.00	0.00083
-10.00	80.00	0.00080	-10.00	70.00	0.00075
-10.00	60.00	0.00068	-10.00	50.00	0.00060
-10.00	40.00	0.00053	-10.00	30.00	0.00047
-10.00	25.00	0.00044	-10.00	20.00	0.00041
-10.00	17.00	0.00040	-10.00	15.00	0.00039
-10.00	13.00	0.00038	-10.00	11.00	0.00037
-10.00	9.00	0.00037	-10.00	-9.00	0.00027
-10.00	-11.00	0.00026	-10.00	-13.00	0.00026
-10.00	-15.00	0.00026	-10.00	-17.00	0.00026

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-20.00	0.00026	-10.00	-25.00	0.00026
-10.00	-30.00	0.00026	-10.00	-40.00	0.00024
-10.00	-50.00	0.00022	-10.00	-60.00	0.00020
-10.00	-70.00	0.00018	-10.00	-80.00	0.00017
-10.00	-90.00	0.00016	-10.00	-100.00	0.00015
0.00	100.00	0.00101	0.00	90.00	0.00103
0.00	80.00	0.00102	0.00	70.00	0.00099
0.00	60.00	0.00093	0.00	50.00	0.00082
0.00	40.00	0.00070	0.00	30.00	0.00060
0.00	25.00	0.00056	0.00	20.00	0.00051
0.00	17.00	0.00049	0.00	15.00	0.00048
0.00	13.00	0.00047	0.00	11.00	0.00045
0.00	9.00	0.00044	0.00	-9.00	0.00032
0.00	-11.00	0.00031	0.00	-13.00	0.00031
0.00	-15.00	0.00031	0.00	-17.00	0.00031
0.00	-20.00	0.00031	0.00	-25.00	0.00031
0.00	-30.00	0.00030	0.00	-40.00	0.00027
0.00	-50.00	0.00025	0.00	-60.00	0.00023
0.00	-70.00	0.00021	0.00	-80.00	0.00019
0.00	-90.00	0.00018	0.00	-100.00	0.00017
10.00	100.00	0.00121	10.00	90.00	0.00126
10.00	80.00	0.00129	10.00	70.00	0.00129
10.00	60.00	0.00126	10.00	50.00	0.00118
10.00	40.00	0.00101	10.00	30.00	0.00082
10.00	25.00	0.00074	10.00	20.00	0.00067
10.00	17.00	0.00063	10.00	15.00	0.00060
10.00	13.00	0.00058	10.00	11.00	0.00056
10.00	9.00	0.00054	10.00	-9.00	0.00038
10.00	-11.00	0.00038	10.00	-13.00	0.00037
10.00	-15.00	0.00037	10.00	-17.00	0.00037

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

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

18:02:13

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00037	10.00	-25.00	0.00036
10.00	-30.00	0.00034	10.00	-40.00	0.00031
10.00	-50.00	0.00029	10.00	-60.00	0.00026
10.00	-70.00	0.00024	10.00	-80.00	0.00022

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
10.00	-90.00	0.00021	10.00	-100.00	0.00020
20.00	100.00	0.00142	20.00	90.00	0.00152
20.00	80.00	0.00160	20.00	70.00	0.00166
20.00	60.00	0.00169	20.00	50.00	0.00166
20.00	40.00	0.00154	20.00	30.00	0.00126
20.00	25.00	0.00109	20.00	20.00	0.00093
20.00	17.00	0.00085	20.00	15.00	0.00081
20.00	13.00	0.00077	20.00	11.00	0.00073
20.00	9.00	0.00069	20.00	-9.00	0.00046
20.00	-11.00	0.00046	20.00	-13.00	0.00046
20.00	-15.00	0.00045	20.00	-17.00	0.00045
20.00	-20.00	0.00044	20.00	-25.00	0.00042
20.00	-30.00	0.00040	20.00	-40.00	0.00037
20.00	-50.00	0.00034	20.00	-60.00	0.00031
20.00	-70.00	0.00029	20.00	-80.00	0.00027
20.00	-90.00	0.00025	20.00	-100.00	0.00023
30.00	100.00	0.00163	30.00	90.00	0.00178
30.00	80.00	0.00193	30.00	70.00	0.00207
30.00	60.00	0.00220	30.00	50.00	0.00228
30.00	40.00	0.00228	30.00	30.00	0.00208
30.00	25.00	0.00188	30.00	20.00	0.00160
30.00	17.00	0.00140	30.00	15.00	0.00127
30.00	13.00	0.00115	30.00	11.00	0.00105
30.00	9.00	0.00096	30.00	-9.00	0.00057
30.00	-11.00	0.00056	30.00	-13.00	0.00055
30.00	-15.00	0.00055	30.00	-17.00	0.00054
30.00	-20.00	0.00053	30.00	-25.00	0.00051
30.00	-30.00	0.00049	30.00	-40.00	0.00046
30.00	-50.00	0.00042	30.00	-60.00	0.00038
30.00	-70.00	0.00035	30.00	-80.00	0.00032
30.00	-90.00	0.00030	30.00	-100.00	0.00027
40.00	100.00	0.00182	40.00	90.00	0.00203
40.00	80.00	0.00226	40.00	70.00	0.00250
40.00	60.00	0.00274	40.00	50.00	0.00298
40.00	40.00	0.00318	40.00	30.00	0.00324
40.00	25.00	0.00317	40.00	20.00	0.00299

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

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

18:02:13  
\*\*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 \*\*\*

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

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00281	40.00	15.00	0.00265
40.00	13.00	0.00247	40.00	11.00	0.00225
40.00	9.00	0.00200	40.00	-9.00	0.00074
40.00	-11.00	0.00073	40.00	-13.00	0.00072
40.00	-15.00	0.00071	40.00	-17.00	0.00071
40.00	-20.00	0.00070	40.00	-25.00	0.00067
40.00	-30.00	0.00065	40.00	-40.00	0.00059
40.00	-50.00	0.00054	40.00	-60.00	0.00048
40.00	-70.00	0.00044	40.00	-80.00	0.00039
40.00	-90.00	0.00036	40.00	-100.00	0.00032
50.00	100.00	0.00198	50.00	90.00	0.00224
50.00	80.00	0.00253	50.00	70.00	0.00287
50.00	60.00	0.00323	50.00	50.00	0.00362
50.00	40.00	0.00403	50.00	30.00	0.00440
50.00	25.00	0.00453	50.00	20.00	0.00460
50.00	17.00	0.00460	50.00	15.00	0.00459
50.00	13.00	0.00458	50.00	11.00	0.00458
50.00	9.00	0.00460	50.00	-9.00	0.00146
50.00	-11.00	0.00132	50.00	-13.00	0.00123
50.00	-15.00	0.00117	50.00	-17.00	0.00112
50.00	-20.00	0.00106	50.00	-25.00	0.00098
50.00	-30.00	0.00091	50.00	-40.00	0.00079
50.00	-50.00	0.00069	50.00	-60.00	0.00061
50.00	-70.00	0.00054	50.00	-80.00	0.00047
50.00	-90.00	0.00042	50.00	-100.00	0.00038
60.00	100.00	0.00208	60.00	90.00	0.00238
60.00	80.00	0.00273	60.00	70.00	0.00314
60.00	60.00	0.00360	60.00	50.00	0.00411
60.00	40.00	0.00466	60.00	30.00	0.00520
60.00	25.00	0.00545	60.00	20.00	0.00565
60.00	17.00	0.00574	60.00	15.00	0.00579
60.00	13.00	0.00583	60.00	11.00	0.00587
60.00	9.00	0.00591	60.00	-9.00	0.00253
60.00	-11.00	0.00232	60.00	-13.00	0.00214
60.00	-15.00	0.00199	60.00	-17.00	0.00185
60.00	-20.00	0.00168	60.00	-25.00	0.00146
60.00	-30.00	0.00130	60.00	-40.00	0.00107
60.00	-50.00	0.00090	60.00	-60.00	0.00076
60.00	-70.00	0.00066	60.00	-80.00	0.00057
60.00	-90.00	0.00050	60.00	-100.00	0.00044

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

18:02:13

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

\*\*\*

\*\*MODELOPTs:  
PAGE 55  
CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00213	70.00	90.00	0.00245	
70.00	80.00	0.00285	70.00	70.00	0.00331	
70.00	60.00	0.00385	70.00	50.00	0.00445	
70.00	40.00	0.00510	70.00	30.00	0.00578	
70.00	25.00	0.00609	70.00	20.00	0.00636	
70.00	17.00	0.00648	70.00	15.00	0.00653	
70.00	13.00	0.00656	70.00	11.00	0.00658	
70.00	9.00	0.00661	70.00	-9.00	0.00321	
70.00	-11.00	0.00300	70.00	-13.00	0.00283	
70.00	-15.00	0.00268	70.00	-17.00	0.00254	
70.00	-20.00	0.00234	70.00	-25.00	0.00203	
70.00	-30.00	0.00178	70.00	-40.00	0.00140	
70.00	-50.00	0.00114	70.00	-60.00	0.00095	
70.00	-70.00	0.00080	70.00	-80.00	0.00068	
70.00	-90.00	0.00058	70.00	-100.00	0.00051	
80.00	100.00	0.00212	80.00	90.00	0.00246	
80.00	80.00	0.00287	80.00	70.00	0.00337	
80.00	60.00	0.00397	80.00	50.00	0.00466	
80.00	40.00	0.00541	80.00	30.00	0.00618	
80.00	25.00	0.00654	80.00	20.00	0.00682	
80.00	17.00	0.00693	80.00	15.00	0.00698	
80.00	13.00	0.00701	80.00	11.00	0.00702	
80.00	9.00	0.00705	80.00	-9.00	0.00367	
80.00	-11.00	0.00347	80.00	-13.00	0.00330	
80.00	-15.00	0.00315	80.00	-17.00	0.00301	
80.00	-20.00	0.00282	80.00	-25.00	0.00252	
80.00	-30.00	0.00224	80.00	-40.00	0.00176	
80.00	-50.00	0.00140	80.00	-60.00	0.00114	
80.00	-70.00	0.00095	80.00	-80.00	0.00080	
80.00	-90.00	0.00068	80.00	-100.00	0.00058	
90.00	100.00	0.00207	90.00	90.00	0.00240	
90.00	80.00	0.00282	90.00	70.00	0.00333	
90.00	60.00	0.00396	90.00	50.00	0.00472	
90.00	40.00	0.00557	90.00	30.00	0.00642	
90.00	25.00	0.00679	90.00	20.00	0.00708	
90.00	17.00	0.00720	90.00	15.00	0.00725	



03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
90.00	13.00	0.00729	90.00	11.00	0.00731	
90.00	9.00	0.00734	90.00	-9.00	0.00400	
90.00	-11.00	0.00381	90.00	-13.00	0.00364	
90.00	-15.00	0.00349	90.00	-17.00	0.00335	

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

18:02:13  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3      **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00316	90.00	-25.00	0.00286	
90.00	-30.00	0.00258	90.00	-40.00	0.00209	
90.00	-50.00	0.00166	90.00	-60.00	0.00134	
90.00	-70.00	0.00110	90.00	-80.00	0.00091	
90.00	-90.00	0.00077	90.00	-100.00	0.00066	
100.00	100.00	0.00197	100.00	90.00	0.00229	
100.00	80.00	0.00269	100.00	70.00	0.00319	
100.00	60.00	0.00382	100.00	50.00	0.00460	
100.00	40.00	0.00552	100.00	30.00	0.00647	
100.00	25.00	0.00688	100.00	20.00	0.00720	
100.00	17.00	0.00734	100.00	15.00	0.00740	
100.00	13.00	0.00745	100.00	11.00	0.00748	
100.00	9.00	0.00751	100.00	-9.00	0.00423	
100.00	-11.00	0.00404	100.00	-13.00	0.00388	
100.00	-15.00	0.00373	100.00	-17.00	0.00359	
100.00	-20.00	0.00340	100.00	-25.00	0.00310	
100.00	-30.00	0.00283	100.00	-40.00	0.00234	
100.00	-50.00	0.00190	100.00	-60.00	0.00153	
100.00	-70.00	0.00124	100.00	-80.00	0.00102	
100.00	-90.00	0.00086	100.00	-100.00	0.00072	
110.00	100.00	0.00183	110.00	90.00	0.00213	
110.00	80.00	0.00250	110.00	70.00	0.00296	
110.00	60.00	0.00355	110.00	50.00	0.00429	
110.00	40.00	0.00520	110.00	30.00	0.00623	
110.00	25.00	0.00672	110.00	20.00	0.00714	
110.00	17.00	0.00732	110.00	15.00	0.00741	
110.00	13.00	0.00748	110.00	11.00	0.00753	
110.00	9.00	0.00758	110.00	-9.00	0.00437	
110.00	-11.00	0.00418	110.00	-13.00	0.00403	
110.00	-15.00	0.00389	110.00	-17.00	0.00376	

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
110.00	-20.00	0.00357	110.00	-25.00	0.00328	
110.00	-30.00	0.00301	110.00	-40.00	0.00251	
110.00	-50.00	0.00207	110.00	-60.00	0.00168	
110.00	-70.00	0.00137	110.00	-80.00	0.00113	
110.00	-90.00	0.00093	110.00	-100.00	0.00079	
120.00	100.00	0.00167	120.00	90.00	0.00193	
120.00	80.00	0.00225	120.00	70.00	0.00266	
120.00	60.00	0.00317	120.00	50.00	0.00381	
120.00	40.00	0.00460	120.00	30.00	0.00555	
120.00	25.00	0.00609	120.00	20.00	0.00664	

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00694	120.00	15.00	0.00711
120.00	13.00	0.00726	120.00	11.00	0.00737
120.00	9.00	0.00748	120.00	-9.00	0.00444
120.00	-11.00	0.00425	120.00	-13.00	0.00410
120.00	-15.00	0.00398	120.00	-17.00	0.00385
120.00	-20.00	0.00367	120.00	-25.00	0.00338
120.00	-30.00	0.00310	120.00	-40.00	0.00260
120.00	-50.00	0.00216	120.00	-60.00	0.00178
120.00	-70.00	0.00147	120.00	-80.00	0.00121
120.00	-90.00	0.00100	120.00	-100.00	0.00084
130.00	100.00	0.00150	130.00	90.00	0.00172
130.00	80.00	0.00198	130.00	70.00	0.00231
130.00	60.00	0.00271	130.00	50.00	0.00320
130.00	40.00	0.00379	130.00	30.00	0.00451
130.00	25.00	0.00492	130.00	20.00	0.00537
130.00	17.00	0.00565	130.00	15.00	0.00585
130.00	13.00	0.00607	130.00	11.00	0.00631
130.00	9.00	0.00658	130.00	-9.00	0.00441
130.00	-11.00	0.00423	130.00	-13.00	0.00407
130.00	-15.00	0.00395	130.00	-17.00	0.00383
130.00	-20.00	0.00365	130.00	-25.00	0.00337
130.00	-30.00	0.00309	130.00	-40.00	0.00261
130.00	-50.00	0.00218	130.00	-60.00	0.00182
130.00	-70.00	0.00152	130.00	-80.00	0.00126

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
130.00	-90.00	0.00105	130.00	-100.00	0.00088
140.00	100.00	0.00133	140.00	90.00	0.00151
140.00	80.00	0.00173	140.00	70.00	0.00198
140.00	60.00	0.00228	140.00	50.00	0.00262
140.00	40.00	0.00300	140.00	30.00	0.00342
140.00	25.00	0.00364	140.00	20.00	0.00384
140.00	17.00	0.00395	140.00	15.00	0.00401
140.00	13.00	0.00405	140.00	11.00	0.00408
140.00	9.00	0.00408	140.00	-9.00	0.00378
140.00	-11.00	0.00374	140.00	-13.00	0.00367
140.00	-15.00	0.00360	140.00	-17.00	0.00353
140.00	-20.00	0.00340	140.00	-25.00	0.00318
140.00	-30.00	0.00295	140.00	-40.00	0.00252
140.00	-50.00	0.00214	140.00	-60.00	0.00181
140.00	-70.00	0.00153	140.00	-80.00	0.00129
140.00	-90.00	0.00108	140.00	-100.00	0.00092

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

18:02:13  
 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3      **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00119	150.00	90.00	0.00133
150.00	80.00	0.00150	150.00	70.00	0.00170
150.00	60.00	0.00192	150.00	50.00	0.00216
150.00	40.00	0.00241	150.00	30.00	0.00266
150.00	25.00	0.00277	150.00	20.00	0.00285
150.00	17.00	0.00287	150.00	15.00	0.00287
150.00	13.00	0.00287	150.00	11.00	0.00285
150.00	9.00	0.00283	150.00	-9.00	0.00275
150.00	-11.00	0.00280	150.00	-13.00	0.00284
150.00	-15.00	0.00287	150.00	-17.00	0.00288
150.00	-20.00	0.00286	150.00	-25.00	0.00279
150.00	-30.00	0.00265	150.00	-40.00	0.00233
150.00	-50.00	0.00202	150.00	-60.00	0.00174
150.00	-70.00	0.00150	150.00	-80.00	0.00128
150.00	-90.00	0.00109	150.00	-100.00	0.00093
160.00	100.00	0.00106	160.00	90.00	0.00118
160.00	80.00	0.00131	160.00	70.00	0.00146
160.00	60.00	0.00163	160.00	50.00	0.00180

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	40.00	0.00196	160.00	30.00	0.00210
160.00	25.00	0.00214	160.00	20.00	0.00216
160.00	17.00	0.00216	160.00	15.00	0.00216
160.00	13.00	0.00216	160.00	11.00	0.00216
160.00	9.00	0.00216	160.00	-9.00	0.00213
160.00	-11.00	0.00216	160.00	-13.00	0.00220
160.00	-15.00	0.00222	160.00	-17.00	0.00224
160.00	-20.00	0.00226	160.00	-25.00	0.00227
160.00	-30.00	0.00224	160.00	-40.00	0.00207
160.00	-50.00	0.00185	160.00	-60.00	0.00163
160.00	-70.00	0.00142	160.00	-80.00	0.00124
160.00	-90.00	0.00108	160.00	-100.00	0.00093
170.00	100.00	0.00095	170.00	90.00	0.00105
170.00	80.00	0.00116	170.00	70.00	0.00127
170.00	60.00	0.00139	170.00	50.00	0.00151
170.00	40.00	0.00161	170.00	30.00	0.00167
170.00	25.00	0.00168	170.00	20.00	0.00170
170.00	17.00	0.00171	170.00	15.00	0.00172
170.00	13.00	0.00173	170.00	11.00	0.00173
170.00	9.00	0.00173	170.00	-9.00	0.00169
170.00	-11.00	0.00172	170.00	-13.00	0.00175
170.00	-15.00	0.00178	170.00	-17.00	0.00180

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

18:02:13  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* INCLUDING SOURCE(S):                      NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00181	170.00	-25.00	0.00182
170.00	-30.00	0.00182	170.00	-40.00	0.00177
170.00	-50.00	0.00164	170.00	-60.00	0.00148
170.00	-70.00	0.00132	170.00	-80.00	0.00117
170.00	-90.00	0.00104	170.00	-100.00	0.00091
180.00	100.00	0.00086	180.00	90.00	0.00094
180.00	80.00	0.00102	180.00	70.00	0.00111
180.00	60.00	0.00119	180.00	50.00	0.00126
180.00	40.00	0.00132	180.00	30.00	0.00135
180.00	25.00	0.00136	180.00	20.00	0.00138
180.00	17.00	0.00140	180.00	15.00	0.00141
180.00	13.00	0.00142	180.00	11.00	0.00142

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	9.00	0.00142	180.00	-9.00	0.00137
180.00	-11.00	0.00140	180.00	-13.00	0.00142
180.00	-15.00	0.00144	180.00	-17.00	0.00146
180.00	-20.00	0.00148	180.00	-25.00	0.00150
180.00	-30.00	0.00150	180.00	-40.00	0.00147
180.00	-50.00	0.00142	180.00	-60.00	0.00132
180.00	-70.00	0.00121	180.00	-80.00	0.00109
180.00	-90.00	0.00098	180.00	-100.00	0.00088
190.00	100.00	0.00077	190.00	90.00	0.00084
190.00	80.00	0.00090	190.00	70.00	0.00096
190.00	60.00	0.00102	190.00	50.00	0.00106
190.00	40.00	0.00109	190.00	30.00	0.00112
190.00	25.00	0.00113	190.00	20.00	0.00116
190.00	17.00	0.00117	190.00	15.00	0.00118
190.00	13.00	0.00118	190.00	11.00	0.00118
190.00	9.00	0.00118	190.00	-9.00	0.00114
190.00	-11.00	0.00115	190.00	-13.00	0.00117
190.00	-15.00	0.00119	190.00	-17.00	0.00120
190.00	-20.00	0.00123	190.00	-25.00	0.00125
190.00	-30.00	0.00125	190.00	-40.00	0.00123
190.00	-50.00	0.00120	190.00	-60.00	0.00115
190.00	-70.00	0.00108	190.00	-80.00	0.00100
190.00	-90.00	0.00092	190.00	-100.00	0.00083
200.00	100.00	0.00070	200.00	90.00	0.00075
200.00	80.00	0.00080	200.00	70.00	0.00084
200.00	60.00	0.00087	200.00	50.00	0.00090
200.00	40.00	0.00092	200.00	30.00	0.00094
200.00	25.00	0.00096	200.00	20.00	0.00098

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

18:02:13  
 \*\*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	0.00099	200.00	15.00	0.00100
200.00	13.00	0.00100	200.00	11.00	0.00100
200.00	9.00	0.00099	200.00	-9.00	0.00095
200.00	-11.00	0.00096	200.00	-13.00	0.00098
200.00	-15.00	0.00099	200.00	-17.00	0.00100
200.00	-20.00	0.00102	200.00	-25.00	0.00105

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-30.00	0.00106	200.00	-40.00	0.00105
200.00	-50.00	0.00102	200.00	-60.00	0.00099
200.00	-70.00	0.00096	200.00	-80.00	0.00090
200.00	-90.00	0.00084	200.00	-100.00	0.00078
210.00	100.00	0.00063	210.00	90.00	0.00067
210.00	80.00	0.00070	210.00	70.00	0.00073
210.00	60.00	0.00075	210.00	50.00	0.00077
210.00	40.00	0.00078	210.00	30.00	0.00081
210.00	25.00	0.00083	210.00	20.00	0.00084
210.00	17.00	0.00085	210.00	15.00	0.00085
210.00	13.00	0.00085	210.00	11.00	0.00085
210.00	9.00	0.00085	210.00	-9.00	0.00081
210.00	-11.00	0.00082	210.00	-13.00	0.00083
210.00	-15.00	0.00084	210.00	-17.00	0.00085
210.00	-20.00	0.00086	210.00	-25.00	0.00089
210.00	-30.00	0.00090	210.00	-40.00	0.00090
210.00	-50.00	0.00088	210.00	-60.00	0.00086
210.00	-70.00	0.00084	210.00	-80.00	0.00080
210.00	-90.00	0.00077	210.00	-100.00	0.00072
220.00	100.00	0.00057	220.00	90.00	0.00060
220.00	80.00	0.00062	220.00	70.00	0.00064
220.00	60.00	0.00065	220.00	50.00	0.00066
220.00	40.00	0.00068	220.00	30.00	0.00071
220.00	25.00	0.00072	220.00	20.00	0.00073
220.00	17.00	0.00074	220.00	15.00	0.00074
220.00	13.00	0.00074	220.00	11.00	0.00073
220.00	9.00	0.00073	220.00	-9.00	0.00070
220.00	-11.00	0.00070	220.00	-13.00	0.00071
220.00	-15.00	0.00072	220.00	-17.00	0.00072
220.00	-20.00	0.00074	220.00	-25.00	0.00076
220.00	-30.00	0.00077	220.00	-40.00	0.00078
220.00	-50.00	0.00077	220.00	-60.00	0.00075
220.00	-70.00	0.00073	220.00	-80.00	0.00071
220.00	-90.00	0.00069	220.00	-100.00	0.00066

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

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

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\*\*MODELOPTS:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	100.00	0.00051	230.00	90.00	0.00053
230.00	80.00	0.00055	230.00	70.00	0.00056
230.00	60.00	0.00057	230.00	50.00	0.00058
230.00	40.00	0.00060	230.00	30.00	0.00062
230.00	25.00	0.00063	230.00	20.00	0.00064
230.00	17.00	0.00064	230.00	15.00	0.00064
230.00	13.00	0.00064	230.00	11.00	0.00064
230.00	9.00	0.00064	230.00	-9.00	0.00061
230.00	-11.00	0.00061	230.00	-13.00	0.00061
230.00	-15.00	0.00062	230.00	-17.00	0.00063
230.00	-20.00	0.00064	230.00	-25.00	0.00065
230.00	-30.00	0.00067	230.00	-40.00	0.00069
230.00	-50.00	0.00068	230.00	-60.00	0.00066
230.00	-70.00	0.00064	230.00	-80.00	0.00063
230.00	-90.00	0.00061	230.00	-100.00	0.00059
240.00	100.00	0.00046	240.00	90.00	0.00048
240.00	80.00	0.00049	240.00	70.00	0.00049
240.00	60.00	0.00050	240.00	50.00	0.00051
240.00	40.00	0.00053	240.00	30.00	0.00055
240.00	25.00	0.00056	240.00	20.00	0.00056
240.00	17.00	0.00057	240.00	15.00	0.00056
240.00	13.00	0.00056	240.00	11.00	0.00056
240.00	9.00	0.00056	240.00	-9.00	0.00053
240.00	-11.00	0.00054	240.00	-13.00	0.00054
240.00	-15.00	0.00054	240.00	-17.00	0.00055
240.00	-20.00	0.00055	240.00	-25.00	0.00057
240.00	-30.00	0.00058	240.00	-40.00	0.00060
240.00	-50.00	0.00060	240.00	-60.00	0.00059
240.00	-70.00	0.00057	240.00	-80.00	0.00056
240.00	-90.00	0.00055	240.00	-100.00	0.00053
250.00	100.00	0.00042	250.00	90.00	0.00043
250.00	80.00	0.00043	250.00	70.00	0.00044
250.00	60.00	0.00045	250.00	50.00	0.00046
250.00	40.00	0.00048	250.00	30.00	0.00049
250.00	25.00	0.00050	250.00	20.00	0.00050
250.00	17.00	0.00050	250.00	15.00	0.00050
250.00	13.00	0.00050	250.00	11.00	0.00050
250.00	9.00	0.00049	250.00	-9.00	0.00047
250.00	-11.00	0.00047	250.00	-13.00	0.00048
250.00	-15.00	0.00048	250.00	-17.00	0.00048

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:02:13

\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2

\*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00049	250.00	-25.00	0.00050
250.00	-30.00	0.00051	250.00	-40.00	0.00053
250.00	-50.00	0.00054	250.00	-60.00	0.00053
250.00	-70.00	0.00052	250.00	-80.00	0.00050
250.00	-90.00	0.00049	250.00	-100.00	0.00048

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

04/18/08

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00009	-250.00	90.00	0.00009
-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	0.00006
-250.00	9.00	0.00006	-250.00	-9.00	0.00006
-250.00	-11.00	0.00005	-250.00	-13.00	0.00005
-250.00	-15.00	0.00005	-250.00	-17.00	0.00005
-250.00	-20.00	0.00005	-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	0.00005
-250.00	-70.00	0.00005	-250.00	-80.00	0.00005
-250.00	-90.00	0.00005	-250.00	-100.00	0.00005
-240.00	100.00	0.00010	-240.00	90.00	0.00010
-240.00	80.00	0.00009	-240.00	70.00	0.00009
-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	0.00008	-240.00	20.00	0.00007
-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



03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-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	0.00005	-240.00	-25.00	0.00005
-240.00	-30.00	0.00005	-240.00	-40.00	0.00005
-240.00	-50.00	0.00005	-240.00	-60.00	0.00005
-240.00	-70.00	0.00005	-240.00	-80.00	0.00005
-240.00	-90.00	0.00005	-240.00	-100.00	0.00005
-230.00	100.00	0.00011	-230.00	90.00	0.00011
-230.00	80.00	0.00010	-230.00	70.00	0.00010
-230.00	60.00	0.00009	-230.00	50.00	0.00009
-230.00	40.00	0.00009	-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	0.00008
-230.00	13.00	0.00008	-230.00	11.00	0.00008
-230.00	9.00	0.00007	-230.00	-9.00	0.00006
-230.00	-11.00	0.00006	-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      \*\*\*  
 04/18/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

18:02:13  
 \*\*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	0.00006	-230.00	-25.00	0.00006
-230.00	-30.00	0.00006	-230.00	-40.00	0.00006
-230.00	-50.00	0.00006	-230.00	-60.00	0.00006
-230.00	-70.00	0.00006	-230.00	-80.00	0.00006
-230.00	-90.00	0.00006	-230.00	-100.00	0.00005
-220.00	100.00	0.00012	-220.00	90.00	0.00012
-220.00	80.00	0.00011	-220.00	70.00	0.00011
-220.00	60.00	0.00010	-220.00	50.00	0.00010
-220.00	40.00	0.00009	-220.00	30.00	0.00009
-220.00	25.00	0.00009	-220.00	20.00	0.00009
-220.00	17.00	0.00009	-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
-220.00	-15.00	0.00007	-220.00	-17.00	0.00006
-220.00	-20.00	0.00006	-220.00	-25.00	0.00006
-220.00	-30.00	0.00006	-220.00	-40.00	0.00006

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-220.00	-50.00	0.00006	-220.00	-60.00	0.00006
-220.00	-70.00	0.00006	-220.00	-80.00	0.00006
-220.00	-90.00	0.00006	-220.00	-100.00	0.00006
-210.00	100.00	0.00013	-210.00	90.00	0.00013
-210.00	80.00	0.00012	-210.00	70.00	0.00012
-210.00	60.00	0.00011	-210.00	50.00	0.00011
-210.00	40.00	0.00010	-210.00	30.00	0.00010
-210.00	25.00	0.00010	-210.00	20.00	0.00010
-210.00	17.00	0.00009	-210.00	15.00	0.00009
-210.00	13.00	0.00009	-210.00	11.00	0.00009
-210.00	9.00	0.00009	-210.00	-9.00	0.00008
-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	0.00007
-210.00	-50.00	0.00007	-210.00	-60.00	0.00007
-210.00	-70.00	0.00007	-210.00	-80.00	0.00007
-210.00	-90.00	0.00006	-210.00	-100.00	0.00006
-200.00	100.00	0.00015	-200.00	90.00	0.00014
-200.00	80.00	0.00014	-200.00	70.00	0.00013
-200.00	60.00	0.00012	-200.00	50.00	0.00012
-200.00	40.00	0.00011	-200.00	30.00	0.00011
-200.00	25.00	0.00011	-200.00	20.00	0.00011

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

18:02:13  
 \*\*MODELOPTs:  
 PAGE 65

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00010	-200.00	15.00	0.00010
-200.00	13.00	0.00010	-200.00	11.00	0.00010
-200.00	9.00	0.00010	-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	0.00008	-200.00	-25.00	0.00007
-200.00	-30.00	0.00007	-200.00	-40.00	0.00007
-200.00	-50.00	0.00007	-200.00	-60.00	0.00007
-200.00	-70.00	0.00007	-200.00	-80.00	0.00007
-200.00	-90.00	0.00007	-200.00	-100.00	0.00006
-190.00	100.00	0.00017	-190.00	90.00	0.00016

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-190.00	80.00	0.00016	-190.00	70.00	0.00015	
-190.00	60.00	0.00014	-190.00	50.00	0.00013	
-190.00	40.00	0.00013	-190.00	30.00	0.00012	
-190.00	25.00	0.00012	-190.00	20.00	0.00012	
-190.00	17.00	0.00011	-190.00	15.00	0.00011	
-190.00	13.00	0.00011	-190.00	11.00	0.00011	
-190.00	9.00	0.00011	-190.00	-9.00	0.00009	
-190.00	-11.00	0.00009	-190.00	-13.00	0.00009	
-190.00	-15.00	0.00009	-190.00	-17.00	0.00008	
-190.00	-20.00	0.00008	-190.00	-25.00	0.00008	
-190.00	-30.00	0.00008	-190.00	-40.00	0.00008	
-190.00	-50.00	0.00008	-190.00	-60.00	0.00008	
-190.00	-70.00	0.00008	-190.00	-80.00	0.00008	
-190.00	-90.00	0.00007	-190.00	-100.00	0.00007	
-180.00	100.00	0.00019	-180.00	90.00	0.00018	
-180.00	80.00	0.00018	-180.00	70.00	0.00017	
-180.00	60.00	0.00016	-180.00	50.00	0.00015	
-180.00	40.00	0.00014	-180.00	30.00	0.00014	
-180.00	25.00	0.00013	-180.00	20.00	0.00013	
-180.00	17.00	0.00013	-180.00	15.00	0.00013	
-180.00	13.00	0.00012	-180.00	11.00	0.00012	
-180.00	9.00	0.00012	-180.00	-9.00	0.00010	
-180.00	-11.00	0.00010	-180.00	-13.00	0.00009	
-180.00	-15.00	0.00009	-180.00	-17.00	0.00009	
-180.00	-20.00	0.00009	-180.00	-25.00	0.00009	
-180.00	-30.00	0.00009	-180.00	-40.00	0.00009	
-180.00	-50.00	0.00009	-180.00	-60.00	0.00009	
-180.00	-70.00	0.00009	-180.00	-80.00	0.00008	
-180.00	-90.00	0.00008	-180.00	-100.00	0.00007	

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

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

18:02:13  
 \*\*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	0.00021	-170.00	90.00	0.00021
-170.00	80.00	0.00020	-170.00	70.00	0.00019
-170.00	60.00	0.00018	-170.00	50.00	0.00017
-170.00	40.00	0.00016	-170.00	30.00	0.00015
-170.00	25.00	0.00015	-170.00	20.00	0.00014

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-170.00	17.00	0.00014	-170.00	15.00	0.00014
-170.00	13.00	0.00014	-170.00	11.00	0.00014
-170.00	9.00	0.00013	-170.00	-9.00	0.00011
-170.00	-11.00	0.00011	-170.00	-13.00	0.00010
-170.00	-15.00	0.00010	-170.00	-17.00	0.00010
-170.00	-20.00	0.00010	-170.00	-25.00	0.00010
-170.00	-30.00	0.00010	-170.00	-40.00	0.00010
-170.00	-50.00	0.00010	-170.00	-60.00	0.00010
-170.00	-70.00	0.00009	-170.00	-80.00	0.00009
-170.00	-90.00	0.00008	-170.00	-100.00	0.00008
-160.00	100.00	0.00025	-160.00	90.00	0.00024
-160.00	80.00	0.00023	-160.00	70.00	0.00022
-160.00	60.00	0.00021	-160.00	50.00	0.00019
-160.00	40.00	0.00018	-160.00	30.00	0.00017
-160.00	25.00	0.00017	-160.00	20.00	0.00016
-160.00	17.00	0.00016	-160.00	15.00	0.00016
-160.00	13.00	0.00016	-160.00	11.00	0.00015
-160.00	9.00	0.00015	-160.00	-9.00	0.00012
-160.00	-11.00	0.00012	-160.00	-13.00	0.00012
-160.00	-15.00	0.00011	-160.00	-17.00	0.00011
-160.00	-20.00	0.00011	-160.00	-25.00	0.00011
-160.00	-30.00	0.00011	-160.00	-40.00	0.00011
-160.00	-50.00	0.00011	-160.00	-60.00	0.00011
-160.00	-70.00	0.00010	-160.00	-80.00	0.00010
-160.00	-90.00	0.00009	-160.00	-100.00	0.00008
-150.00	100.00	0.00030	-150.00	90.00	0.00028
-150.00	80.00	0.00026	-150.00	70.00	0.00025
-150.00	60.00	0.00024	-150.00	50.00	0.00022
-150.00	40.00	0.00021	-150.00	30.00	0.00019
-150.00	25.00	0.00019	-150.00	20.00	0.00019
-150.00	17.00	0.00018	-150.00	15.00	0.00018
-150.00	13.00	0.00018	-150.00	11.00	0.00017
-150.00	9.00	0.00017	-150.00	-9.00	0.00014
-150.00	-11.00	0.00013	-150.00	-13.00	0.00013
-150.00	-15.00	0.00013	-150.00	-17.00	0.00013

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

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

18:02:13

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-20.00	0.00012	-150.00	-25.00	0.00012
-150.00	-30.00	0.00012	-150.00	-40.00	0.00013
-150.00	-50.00	0.00012	-150.00	-60.00	0.00012
-150.00	-70.00	0.00011	-150.00	-80.00	0.00010
-150.00	-90.00	0.00010	-150.00	-100.00	0.00009
-140.00	100.00	0.00036	-140.00	90.00	0.00034
-140.00	80.00	0.00031	-140.00	70.00	0.00030
-140.00	60.00	0.00028	-140.00	50.00	0.00026
-140.00	40.00	0.00024	-140.00	30.00	0.00022
-140.00	25.00	0.00022	-140.00	20.00	0.00021
-140.00	17.00	0.00021	-140.00	15.00	0.00020
-140.00	13.00	0.00020	-140.00	11.00	0.00020
-140.00	9.00	0.00019	-140.00	-9.00	0.00015
-140.00	-11.00	0.00015	-140.00	-13.00	0.00015
-140.00	-15.00	0.00014	-140.00	-17.00	0.00014
-140.00	-20.00	0.00014	-140.00	-25.00	0.00014
-140.00	-30.00	0.00014	-140.00	-40.00	0.00014
-140.00	-50.00	0.00014	-140.00	-60.00	0.00013
-140.00	-70.00	0.00012	-140.00	-80.00	0.00011
-140.00	-90.00	0.00010	-140.00	-100.00	0.00010
-130.00	100.00	0.00045	-130.00	90.00	0.00042
-130.00	80.00	0.00038	-130.00	70.00	0.00036
-130.00	60.00	0.00033	-130.00	50.00	0.00031
-130.00	40.00	0.00029	-130.00	30.00	0.00026
-130.00	25.00	0.00025	-130.00	20.00	0.00024
-130.00	17.00	0.00024	-130.00	15.00	0.00024
-130.00	13.00	0.00023	-130.00	11.00	0.00023
-130.00	9.00	0.00022	-130.00	-9.00	0.00017
-130.00	-11.00	0.00017	-130.00	-13.00	0.00017
-130.00	-15.00	0.00016	-130.00	-17.00	0.00016
-130.00	-20.00	0.00016	-130.00	-25.00	0.00016
-130.00	-30.00	0.00016	-130.00	-40.00	0.00016
-130.00	-50.00	0.00016	-130.00	-60.00	0.00014
-130.00	-70.00	0.00013	-130.00	-80.00	0.00012
-130.00	-90.00	0.00011	-130.00	-100.00	0.00011
-120.00	100.00	0.00055	-120.00	90.00	0.00052
-120.00	80.00	0.00048	-120.00	70.00	0.00044
-120.00	60.00	0.00040	-120.00	50.00	0.00037
-120.00	40.00	0.00034	-120.00	30.00	0.00031
-120.00	25.00	0.00030	-120.00	20.00	0.00029

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:  
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\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.00	17.00	0.00028	-120.00	15.00	0.00028	
-120.00	13.00	0.00027	-120.00	11.00	0.00027	
-120.00	9.00	0.00026	-120.00	-9.00	0.00020	
-120.00	-11.00	0.00019	-120.00	-13.00	0.00019	
-120.00	-15.00	0.00019	-120.00	-17.00	0.00019	
-120.00	-20.00	0.00019	-120.00	-25.00	0.00019	
-120.00	-30.00	0.00019	-120.00	-40.00	0.00018	
-120.00	-50.00	0.00017	-120.00	-60.00	0.00016	
-120.00	-70.00	0.00015	-120.00	-80.00	0.00014	
-120.00	-90.00	0.00013	-120.00	-100.00	0.00012	
-110.00	100.00	0.00068	-110.00	90.00	0.00066	
-110.00	80.00	0.00062	-110.00	70.00	0.00057	
-110.00	60.00	0.00051	-110.00	50.00	0.00046	
-110.00	40.00	0.00042	-110.00	30.00	0.00038	
-110.00	25.00	0.00036	-110.00	20.00	0.00034	
-110.00	17.00	0.00033	-110.00	15.00	0.00033	
-110.00	13.00	0.00032	-110.00	11.00	0.00031	
-110.00	9.00	0.00031	-110.00	-9.00	0.00023	
-110.00	-11.00	0.00022	-110.00	-13.00	0.00022	
-110.00	-15.00	0.00022	-110.00	-17.00	0.00022	
-110.00	-20.00	0.00022	-110.00	-25.00	0.00022	
-110.00	-30.00	0.00022	-110.00	-40.00	0.00021	
-110.00	-50.00	0.00019	-110.00	-60.00	0.00018	
-110.00	-70.00	0.00016	-110.00	-80.00	0.00015	
-110.00	-90.00	0.00014	-110.00	-100.00	0.00013	
-100.00	100.00	0.00084	-100.00	90.00	0.00083	
-100.00	80.00	0.00080	-100.00	70.00	0.00075	
-100.00	60.00	0.00068	-100.00	50.00	0.00060	
-100.00	40.00	0.00053	-100.00	30.00	0.00047	
-100.00	25.00	0.00044	-100.00	20.00	0.00041	
-100.00	17.00	0.00040	-100.00	15.00	0.00039	
-100.00	13.00	0.00038	-100.00	11.00	0.00037	
-100.00	9.00	0.00037	-100.00	-9.00	0.00027	
-100.00	-11.00	0.00026	-100.00	-13.00	0.00026	
-100.00	-15.00	0.00026	-100.00	-17.00	0.00026	
-100.00	-20.00	0.00026	-100.00	-25.00	0.00026	
-100.00	-30.00	0.00026	-100.00	-40.00	0.00024	

-100.00	-50.00	03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound 0.00022	-100.00	-60.00	0.00020
-100.00	-70.00	0.00018	-100.00	-80.00	0.00017
-100.00	-90.00	0.00016	-100.00	-100.00	0.00015

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00101	-90.00	90.00	0.00103
-90.00	80.00	0.00102	-90.00	70.00	0.00099
-90.00	60.00	0.00093	-90.00	50.00	0.00082
-90.00	40.00	0.00070	-90.00	30.00	0.00060
-90.00	25.00	0.00056	-90.00	20.00	0.00051
-90.00	17.00	0.00049	-90.00	15.00	0.00048
-90.00	13.00	0.00047	-90.00	11.00	0.00045
-90.00	9.00	0.00044	-90.00	-9.00	0.00032
-90.00	-11.00	0.00031	-90.00	-13.00	0.00031
-90.00	-15.00	0.00031	-90.00	-17.00	0.00031
-90.00	-20.00	0.00031	-90.00	-25.00	0.00031
-90.00	-30.00	0.00030	-90.00	-40.00	0.00027
-90.00	-50.00	0.00025	-90.00	-60.00	0.00023
-90.00	-70.00	0.00021	-90.00	-80.00	0.00019
-90.00	-90.00	0.00018	-90.00	-100.00	0.00017
-80.00	100.00	0.00121	-80.00	90.00	0.00126
-80.00	80.00	0.00129	-80.00	70.00	0.00129
-80.00	60.00	0.00126	-80.00	50.00	0.00118
-80.00	40.00	0.00101	-80.00	30.00	0.00082
-80.00	25.00	0.00074	-80.00	20.00	0.00067
-80.00	17.00	0.00063	-80.00	15.00	0.00060
-80.00	13.00	0.00058	-80.00	11.00	0.00056
-80.00	9.00	0.00054	-80.00	-9.00	0.00038
-80.00	-11.00	0.00038	-80.00	-13.00	0.00037
-80.00	-15.00	0.00037	-80.00	-17.00	0.00037
-80.00	-20.00	0.00037	-80.00	-25.00	0.00036
-80.00	-30.00	0.00034	-80.00	-40.00	0.00031
-80.00	-50.00	0.00029	-80.00	-60.00	0.00026
-80.00	-70.00	0.00024	-80.00	-80.00	0.00022
-80.00	-90.00	0.00021	-80.00	-100.00	0.00020
-70.00	100.00	0.00142	-70.00	90.00	0.00152

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-70.00	80.00	0.00160	-70.00	70.00	0.00166	
-70.00	60.00	0.00169	-70.00	50.00	0.00166	
-70.00	40.00	0.00154	-70.00	30.00	0.00126	
-70.00	25.00	0.00109	-70.00	20.00	0.00093	
-70.00	17.00	0.00085	-70.00	15.00	0.00081	
-70.00	13.00	0.00077	-70.00	11.00	0.00073	
-70.00	9.00	0.00069	-70.00	-9.00	0.00046	
-70.00	-11.00	0.00046	-70.00	-13.00	0.00046	
-70.00	-15.00	0.00045	-70.00	-17.00	0.00045	

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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
-70.00	-20.00	0.00044	-70.00	-25.00	0.00042
-70.00	-30.00	0.00040	-70.00	-40.00	0.00037
-70.00	-50.00	0.00034	-70.00	-60.00	0.00031
-70.00	-70.00	0.00029	-70.00	-80.00	0.00027
-70.00	-90.00	0.00025	-70.00	-100.00	0.00023
-60.00	100.00	0.00163	-60.00	90.00	0.00178
-60.00	80.00	0.00193	-60.00	70.00	0.00207
-60.00	60.00	0.00220	-60.00	50.00	0.00228
-60.00	40.00	0.00228	-60.00	30.00	0.00208
-60.00	25.00	0.00188	-60.00	20.00	0.00160
-60.00	17.00	0.00140	-60.00	15.00	0.00127
-60.00	13.00	0.00115	-60.00	11.00	0.00105
-60.00	9.00	0.00096	-60.00	-9.00	0.00057
-60.00	-11.00	0.00056	-60.00	-13.00	0.00055
-60.00	-15.00	0.00055	-60.00	-17.00	0.00054
-60.00	-20.00	0.00053	-60.00	-25.00	0.00051
-60.00	-30.00	0.00049	-60.00	-40.00	0.00046
-60.00	-50.00	0.00042	-60.00	-60.00	0.00038
-60.00	-70.00	0.00035	-60.00	-80.00	0.00032
-60.00	-90.00	0.00030	-60.00	-100.00	0.00027
-50.00	100.00	0.00182	-50.00	90.00	0.00203
-50.00	80.00	0.00226	-50.00	70.00	0.00250
-50.00	60.00	0.00274	-50.00	50.00	0.00298
-50.00	40.00	0.00318	-50.00	30.00	0.00324
-50.00	25.00	0.00317	-50.00	20.00	0.00299



03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-50.00	17.00	0.00281	-50.00	15.00	0.00265	
-50.00	13.00	0.00247	-50.00	11.00	0.00225	
-50.00	9.00	0.00200	-50.00	-9.00	0.00074	
-50.00	-11.00	0.00073	-50.00	-13.00	0.00072	
-50.00	-15.00	0.00071	-50.00	-17.00	0.00071	
-50.00	-20.00	0.00070	-50.00	-25.00	0.00067	
-50.00	-30.00	0.00065	-50.00	-40.00	0.00059	
-50.00	-50.00	0.00054	-50.00	-60.00	0.00048	
-50.00	-70.00	0.00044	-50.00	-80.00	0.00039	
-50.00	-90.00	0.00036	-50.00	-100.00	0.00032	
-40.00	100.00	0.00198	-40.00	90.00	0.00224	
-40.00	80.00	0.00253	-40.00	70.00	0.00287	
-40.00	60.00	0.00323	-40.00	50.00	0.00362	
-40.00	40.00	0.00403	-40.00	30.00	0.00440	
-40.00	25.00	0.00453	-40.00	20.00	0.00460	

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

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

18:02:13

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00460	-40.00	15.00	0.00459
-40.00	13.00	0.00458	-40.00	11.00	0.00458
-40.00	9.00	0.00460	-40.00	-9.00	0.00146
-40.00	-11.00	0.00132	-40.00	-13.00	0.00123
-40.00	-15.00	0.00117	-40.00	-17.00	0.00112
-40.00	-20.00	0.00106	-40.00	-25.00	0.00098
-40.00	-30.00	0.00091	-40.00	-40.00	0.00079
-40.00	-50.00	0.00069	-40.00	-60.00	0.00061
-40.00	-70.00	0.00054	-40.00	-80.00	0.00047
-40.00	-90.00	0.00042	-40.00	-100.00	0.00038
-30.00	100.00	0.00208	-30.00	90.00	0.00238
-30.00	80.00	0.00273	-30.00	70.00	0.00314
-30.00	60.00	0.00360	-30.00	50.00	0.00411
-30.00	40.00	0.00466	-30.00	30.00	0.00520
-30.00	25.00	0.00545	-30.00	20.00	0.00565
-30.00	17.00	0.00574	-30.00	15.00	0.00579
-30.00	13.00	0.00583	-30.00	11.00	0.00587
-30.00	9.00	0.00591	-30.00	-9.00	0.00253
-30.00	-11.00	0.00232	-30.00	-13.00	0.00214

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-15.00	0.00199	-30.00	-17.00	0.00185
-30.00	-20.00	0.00168	-30.00	-25.00	0.00146
-30.00	-30.00	0.00130	-30.00	-40.00	0.00107
-30.00	-50.00	0.00090	-30.00	-60.00	0.00076
-30.00	-70.00	0.00066	-30.00	-80.00	0.00057
-30.00	-90.00	0.00050	-30.00	-100.00	0.00044
-20.00	100.00	0.00213	-20.00	90.00	0.00245
-20.00	80.00	0.00285	-20.00	70.00	0.00331
-20.00	60.00	0.00385	-20.00	50.00	0.00445
-20.00	40.00	0.00510	-20.00	30.00	0.00578
-20.00	25.00	0.00609	-20.00	20.00	0.00636
-20.00	17.00	0.00648	-20.00	15.00	0.00653
-20.00	13.00	0.00656	-20.00	11.00	0.00658
-20.00	9.00	0.00661	-20.00	-9.00	0.00321
-20.00	-11.00	0.00300	-20.00	-13.00	0.00283
-20.00	-15.00	0.00268	-20.00	-17.00	0.00254
-20.00	-20.00	0.00234	-20.00	-25.00	0.00203
-20.00	-30.00	0.00178	-20.00	-40.00	0.00140
-20.00	-50.00	0.00114	-20.00	-60.00	0.00095
-20.00	-70.00	0.00080	-20.00	-80.00	0.00068
-20.00	-90.00	0.00058	-20.00	-100.00	0.00051

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

18:02:13  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00212	-10.00	90.00	0.00246
-10.00	80.00	0.00287	-10.00	70.00	0.00337
-10.00	60.00	0.00397	-10.00	50.00	0.00466
-10.00	40.00	0.00541	-10.00	30.00	0.00618
-10.00	25.00	0.00654	-10.00	20.00	0.00682
-10.00	17.00	0.00693	-10.00	15.00	0.00698
-10.00	13.00	0.00701	-10.00	11.00	0.00702
-10.00	9.00	0.00705	-10.00	-9.00	0.00367
-10.00	-11.00	0.00347	-10.00	-13.00	0.00330
-10.00	-15.00	0.00315	-10.00	-17.00	0.00301
-10.00	-20.00	0.00282	-10.00	-25.00	0.00252
-10.00	-30.00	0.00224	-10.00	-40.00	0.00176
-10.00	-50.00	0.00140	-10.00	-60.00	0.00114

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-70.00	0.00095	-10.00	-80.00	0.00080
-10.00	-90.00	0.00068	-10.00	-100.00	0.00058
0.00	100.00	0.00207	0.00	90.00	0.00240
0.00	80.00	0.00282	0.00	70.00	0.00333
0.00	60.00	0.00396	0.00	50.00	0.00472
0.00	40.00	0.00557	0.00	30.00	0.00642
0.00	25.00	0.00679	0.00	20.00	0.00708
0.00	17.00	0.00720	0.00	15.00	0.00725
0.00	13.00	0.00729	0.00	11.00	0.00731
0.00	9.00	0.00734	0.00	-9.00	0.00400
0.00	-11.00	0.00381	0.00	-13.00	0.00364
0.00	-15.00	0.00349	0.00	-17.00	0.00335
0.00	-20.00	0.00316	0.00	-25.00	0.00286
0.00	-30.00	0.00258	0.00	-40.00	0.00209
0.00	-50.00	0.00166	0.00	-60.00	0.00134
0.00	-70.00	0.00110	0.00	-80.00	0.00091
0.00	-90.00	0.00077	0.00	-100.00	0.00066
10.00	100.00	0.00197	10.00	90.00	0.00229
10.00	80.00	0.00269	10.00	70.00	0.00319
10.00	60.00	0.00382	10.00	50.00	0.00460
10.00	40.00	0.00552	10.00	30.00	0.00647
10.00	25.00	0.00688	10.00	20.00	0.00720
10.00	17.00	0.00734	10.00	15.00	0.00740
10.00	13.00	0.00745	10.00	11.00	0.00748
10.00	9.00	0.00751	10.00	-9.00	0.00423
10.00	-11.00	0.00404	10.00	-13.00	0.00388
10.00	-15.00	0.00373	10.00	-17.00	0.00359

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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
10.00	-20.00	0.00340	10.00	-25.00	0.00310
10.00	-30.00	0.00283	10.00	-40.00	0.00234
10.00	-50.00	0.00190	10.00	-60.00	0.00153
10.00	-70.00	0.00124	10.00	-80.00	0.00102
10.00	-90.00	0.00086	10.00	-100.00	0.00072
20.00	100.00	0.00183	20.00	90.00	0.00213
20.00	80.00	0.00250	20.00	70.00	0.00296

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	60.00	0.00355	20.00	50.00	0.00429
20.00	40.00	0.00520	20.00	30.00	0.00623
20.00	25.00	0.00672	20.00	20.00	0.00714
20.00	17.00	0.00732	20.00	15.00	0.00741
20.00	13.00	0.00748	20.00	11.00	0.00753
20.00	9.00	0.00758	20.00	-9.00	0.00437
20.00	-11.00	0.00418	20.00	-13.00	0.00403
20.00	-15.00	0.00389	20.00	-17.00	0.00376
20.00	-20.00	0.00357	20.00	-25.00	0.00328
20.00	-30.00	0.00301	20.00	-40.00	0.00251
20.00	-50.00	0.00207	20.00	-60.00	0.00168
20.00	-70.00	0.00137	20.00	-80.00	0.00113
20.00	-90.00	0.00093	20.00	-100.00	0.00079
30.00	100.00	0.00167	30.00	90.00	0.00193
30.00	80.00	0.00225	30.00	70.00	0.00266
30.00	60.00	0.00317	30.00	50.00	0.00381
30.00	40.00	0.00460	30.00	30.00	0.00555
30.00	25.00	0.00609	30.00	20.00	0.00664
30.00	17.00	0.00694	30.00	15.00	0.00711
30.00	13.00	0.00726	30.00	11.00	0.00737
30.00	9.00	0.00748	30.00	-9.00	0.00444
30.00	-11.00	0.00425	30.00	-13.00	0.00410
30.00	-15.00	0.00398	30.00	-17.00	0.00385
30.00	-20.00	0.00367	30.00	-25.00	0.00338
30.00	-30.00	0.00310	30.00	-40.00	0.00260
30.00	-50.00	0.00216	30.00	-60.00	0.00178
30.00	-70.00	0.00147	30.00	-80.00	0.00121
30.00	-90.00	0.00100	30.00	-100.00	0.00084
40.00	100.00	0.00150	40.00	90.00	0.00172
40.00	80.00	0.00198	40.00	70.00	0.00231
40.00	60.00	0.00271	40.00	50.00	0.00320
40.00	40.00	0.00379	40.00	30.00	0.00451
40.00	25.00	0.00492	40.00	20.00	0.00537

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

18:02:13  
 \*\*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	0.00565	40.00	15.00	0.00585

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	13.00	0.00607	40.00	11.00	0.00631
40.00	9.00	0.00658	40.00	-9.00	0.00441
40.00	-11.00	0.00423	40.00	-13.00	0.00407
40.00	-15.00	0.00395	40.00	-17.00	0.00383
40.00	-20.00	0.00365	40.00	-25.00	0.00337
40.00	-30.00	0.00309	40.00	-40.00	0.00261
40.00	-50.00	0.00218	40.00	-60.00	0.00182
40.00	-70.00	0.00152	40.00	-80.00	0.00126
40.00	-90.00	0.00105	40.00	-100.00	0.00088
50.00	100.00	0.00133	50.00	90.00	0.00151
50.00	80.00	0.00173	50.00	70.00	0.00198
50.00	60.00	0.00228	50.00	50.00	0.00262
50.00	40.00	0.00300	50.00	30.00	0.00342
50.00	25.00	0.00364	50.00	20.00	0.00384
50.00	17.00	0.00395	50.00	15.00	0.00401
50.00	13.00	0.00405	50.00	11.00	0.00408
50.00	9.00	0.00408	50.00	-9.00	0.00378
50.00	-11.00	0.00374	50.00	-13.00	0.00367
50.00	-15.00	0.00360	50.00	-17.00	0.00353
50.00	-20.00	0.00340	50.00	-25.00	0.00318
50.00	-30.00	0.00295	50.00	-40.00	0.00252
50.00	-50.00	0.00214	50.00	-60.00	0.00181
50.00	-70.00	0.00153	50.00	-80.00	0.00129
50.00	-90.00	0.00108	50.00	-100.00	0.00092
60.00	100.00	0.00119	60.00	90.00	0.00133
60.00	80.00	0.00150	60.00	70.00	0.00170
60.00	60.00	0.00192	60.00	50.00	0.00216
60.00	40.00	0.00241	60.00	30.00	0.00266
60.00	25.00	0.00277	60.00	20.00	0.00285
60.00	17.00	0.00287	60.00	15.00	0.00287
60.00	13.00	0.00287	60.00	11.00	0.00285
60.00	9.00	0.00283	60.00	-9.00	0.00275
60.00	-11.00	0.00280	60.00	-13.00	0.00284
60.00	-15.00	0.00287	60.00	-17.00	0.00288
60.00	-20.00	0.00286	60.00	-25.00	0.00279
60.00	-30.00	0.00265	60.00	-40.00	0.00233
60.00	-50.00	0.00202	60.00	-60.00	0.00174
60.00	-70.00	0.00150	60.00	-80.00	0.00128
60.00	-90.00	0.00109	60.00	-100.00	0.00093

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

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

18:02:13  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
70.00	100.00	0.00106	70.00	90.00	0.00118	
70.00	80.00	0.00131	70.00	70.00	0.00146	
70.00	60.00	0.00163	70.00	50.00	0.00180	
70.00	40.00	0.00196	70.00	30.00	0.00210	
70.00	25.00	0.00214	70.00	20.00	0.00216	
70.00	17.00	0.00216	70.00	15.00	0.00216	
70.00	13.00	0.00216	70.00	11.00	0.00216	
70.00	9.00	0.00216	70.00	-9.00	0.00213	
70.00	-11.00	0.00216	70.00	-13.00	0.00220	
70.00	-15.00	0.00222	70.00	-17.00	0.00224	
70.00	-20.00	0.00226	70.00	-25.00	0.00227	
70.00	-30.00	0.00224	70.00	-40.00	0.00207	
70.00	-50.00	0.00185	70.00	-60.00	0.00163	
70.00	-70.00	0.00142	70.00	-80.00	0.00124	
70.00	-90.00	0.00108	70.00	-100.00	0.00093	
80.00	100.00	0.00095	80.00	90.00	0.00105	
80.00	80.00	0.00116	80.00	70.00	0.00127	
80.00	60.00	0.00139	80.00	50.00	0.00151	
80.00	40.00	0.00161	80.00	30.00	0.00167	
80.00	25.00	0.00168	80.00	20.00	0.00170	
80.00	17.00	0.00171	80.00	15.00	0.00172	
80.00	13.00	0.00173	80.00	11.00	0.00173	
80.00	9.00	0.00173	80.00	-9.00	0.00169	
80.00	-11.00	0.00172	80.00	-13.00	0.00175	
80.00	-15.00	0.00178	80.00	-17.00	0.00180	
80.00	-20.00	0.00181	80.00	-25.00	0.00182	
80.00	-30.00	0.00182	80.00	-40.00	0.00177	
80.00	-50.00	0.00164	80.00	-60.00	0.00148	
80.00	-70.00	0.00132	80.00	-80.00	0.00117	
80.00	-90.00	0.00104	80.00	-100.00	0.00091	
90.00	100.00	0.00086	90.00	90.00	0.00094	
90.00	80.00	0.00102	90.00	70.00	0.00111	
90.00	60.00	0.00119	90.00	50.00	0.00126	
90.00	40.00	0.00132	90.00	30.00	0.00135	
90.00	25.00	0.00136	90.00	20.00	0.00138	
90.00	17.00	0.00140	90.00	15.00	0.00141	
90.00	13.00	0.00142	90.00	11.00	0.00142	
90.00	9.00	0.00142	90.00	-9.00	0.00137	
90.00	-11.00	0.00140	90.00	-13.00	0.00142	

90.00 -15.00 03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound 0.00144 90.00 -17.00 0.00146

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

18:02:13  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00148	90.00	-25.00	0.00150
90.00	-30.00	0.00150	90.00	-40.00	0.00147
90.00	-50.00	0.00142	90.00	-60.00	0.00132
90.00	-70.00	0.00121	90.00	-80.00	0.00109
90.00	-90.00	0.00098	90.00	-100.00	0.00088
100.00	100.00	0.00077	100.00	90.00	0.00084
100.00	80.00	0.00090	100.00	70.00	0.00096
100.00	60.00	0.00102	100.00	50.00	0.00106
100.00	40.00	0.00109	100.00	30.00	0.00112
100.00	25.00	0.00113	100.00	20.00	0.00116
100.00	17.00	0.00117	100.00	15.00	0.00118
100.00	13.00	0.00118	100.00	11.00	0.00118
100.00	9.00	0.00118	100.00	-9.00	0.00114
100.00	-11.00	0.00115	100.00	-13.00	0.00117
100.00	-15.00	0.00119	100.00	-17.00	0.00120
100.00	-20.00	0.00123	100.00	-25.00	0.00125
100.00	-30.00	0.00125	100.00	-40.00	0.00123
100.00	-50.00	0.00120	100.00	-60.00	0.00115
100.00	-70.00	0.00108	100.00	-80.00	0.00100
100.00	-90.00	0.00092	100.00	-100.00	0.00083
110.00	100.00	0.00070	110.00	90.00	0.00075
110.00	80.00	0.00080	110.00	70.00	0.00084
110.00	60.00	0.00087	110.00	50.00	0.00090
110.00	40.00	0.00092	110.00	30.00	0.00094
110.00	25.00	0.00096	110.00	20.00	0.00098
110.00	17.00	0.00099	110.00	15.00	0.00100
110.00	13.00	0.00100	110.00	11.00	0.00100
110.00	9.00	0.00099	110.00	-9.00	0.00095
110.00	-11.00	0.00096	110.00	-13.00	0.00098
110.00	-15.00	0.00099	110.00	-17.00	0.00100
110.00	-20.00	0.00102	110.00	-25.00	0.00105
110.00	-30.00	0.00106	110.00	-40.00	0.00105
110.00	-50.00	0.00102	110.00	-60.00	0.00099

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
110.00	-70.00	0.00096	110.00	-80.00	0.00090
110.00	-90.00	0.00084	110.00	-100.00	0.00078
120.00	100.00	0.00063	120.00	90.00	0.00067
120.00	80.00	0.00070	120.00	70.00	0.00073
120.00	60.00	0.00075	120.00	50.00	0.00077
120.00	40.00	0.00078	120.00	30.00	0.00081
120.00	25.00	0.00083	120.00	20.00	0.00084

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

18:02:13  
 \*\*MODELOPTs:  
 PAGE 77  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00085	120.00	15.00	0.00085
120.00	13.00	0.00085	120.00	11.00	0.00085
120.00	9.00	0.00085	120.00	-9.00	0.00081
120.00	-11.00	0.00082	120.00	-13.00	0.00083
120.00	-15.00	0.00084	120.00	-17.00	0.00085
120.00	-20.00	0.00086	120.00	-25.00	0.00089
120.00	-30.00	0.00090	120.00	-40.00	0.00090
120.00	-50.00	0.00088	120.00	-60.00	0.00086
120.00	-70.00	0.00084	120.00	-80.00	0.00080
120.00	-90.00	0.00077	120.00	-100.00	0.00072
130.00	100.00	0.00057	130.00	90.00	0.00060
130.00	80.00	0.00062	130.00	70.00	0.00064
130.00	60.00	0.00065	130.00	50.00	0.00066
130.00	40.00	0.00068	130.00	30.00	0.00071
130.00	25.00	0.00072	130.00	20.00	0.00073
130.00	17.00	0.00074	130.00	15.00	0.00074
130.00	13.00	0.00074	130.00	11.00	0.00073
130.00	9.00	0.00073	130.00	-9.00	0.00070
130.00	-11.00	0.00070	130.00	-13.00	0.00071
130.00	-15.00	0.00072	130.00	-17.00	0.00072
130.00	-20.00	0.00074	130.00	-25.00	0.00076
130.00	-30.00	0.00077	130.00	-40.00	0.00078
130.00	-50.00	0.00077	130.00	-60.00	0.00075
130.00	-70.00	0.00073	130.00	-80.00	0.00071
130.00	-90.00	0.00069	130.00	-100.00	0.00066
140.00	100.00	0.00051	140.00	90.00	0.00053
140.00	80.00	0.00055	140.00	70.00	0.00056



03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	60.00	0.00057	140.00	50.00	0.00058
140.00	40.00	0.00060	140.00	30.00	0.00062
140.00	25.00	0.00063	140.00	20.00	0.00064
140.00	17.00	0.00064	140.00	15.00	0.00064
140.00	13.00	0.00064	140.00	11.00	0.00064
140.00	9.00	0.00064	140.00	-9.00	0.00061
140.00	-11.00	0.00061	140.00	-13.00	0.00061
140.00	-15.00	0.00062	140.00	-17.00	0.00063
140.00	-20.00	0.00064	140.00	-25.00	0.00065
140.00	-30.00	0.00067	140.00	-40.00	0.00069
140.00	-50.00	0.00068	140.00	-60.00	0.00066
140.00	-70.00	0.00064	140.00	-80.00	0.00063
140.00	-90.00	0.00061	140.00	-100.00	0.00059

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

18:02:13  
\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00046	150.00	90.00	0.00048
150.00	80.00	0.00049	150.00	70.00	0.00049
150.00	60.00	0.00050	150.00	50.00	0.00051
150.00	40.00	0.00053	150.00	30.00	0.00055
150.00	25.00	0.00056	150.00	20.00	0.00056
150.00	17.00	0.00057	150.00	15.00	0.00056
150.00	13.00	0.00056	150.00	11.00	0.00056
150.00	9.00	0.00056	150.00	-9.00	0.00053
150.00	-11.00	0.00054	150.00	-13.00	0.00054
150.00	-15.00	0.00054	150.00	-17.00	0.00055
150.00	-20.00	0.00055	150.00	-25.00	0.00057
150.00	-30.00	0.00058	150.00	-40.00	0.00060
150.00	-50.00	0.00060	150.00	-60.00	0.00059
150.00	-70.00	0.00057	150.00	-80.00	0.00056
150.00	-90.00	0.00055	150.00	-100.00	0.00053
160.00	100.00	0.00042	160.00	90.00	0.00043
160.00	80.00	0.00043	160.00	70.00	0.00044
160.00	60.00	0.00045	160.00	50.00	0.00046
160.00	40.00	0.00048	160.00	30.00	0.00049
160.00	25.00	0.00050	160.00	20.00	0.00050
160.00	17.00	0.00050	160.00	15.00	0.00050

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
160.00	13.00	0.00050	160.00	11.00	0.00050	
160.00	9.00	0.00049	160.00	-9.00	0.00047	
160.00	-11.00	0.00047	160.00	-13.00	0.00048	
160.00	-15.00	0.00048	160.00	-17.00	0.00048	
160.00	-20.00	0.00049	160.00	-25.00	0.00050	
160.00	-30.00	0.00051	160.00	-40.00	0.00053	
160.00	-50.00	0.00054	160.00	-60.00	0.00053	
160.00	-70.00	0.00052	160.00	-80.00	0.00050	
160.00	-90.00	0.00049	160.00	-100.00	0.00048	
170.00	100.00	0.00038	170.00	90.00	0.00038	
170.00	80.00	0.00039	170.00	70.00	0.00039	
170.00	60.00	0.00040	170.00	50.00	0.00041	
170.00	40.00	0.00043	170.00	30.00	0.00044	
170.00	25.00	0.00045	170.00	20.00	0.00045	
170.00	17.00	0.00045	170.00	15.00	0.00045	
170.00	13.00	0.00044	170.00	11.00	0.00044	
170.00	9.00	0.00044	170.00	-9.00	0.00042	
170.00	-11.00	0.00042	170.00	-13.00	0.00042	
170.00	-15.00	0.00043	170.00	-17.00	0.00043	

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00043	170.00	-25.00	0.00044
170.00	-30.00	0.00045	170.00	-40.00	0.00047
170.00	-50.00	0.00048	170.00	-60.00	0.00048
170.00	-70.00	0.00047	170.00	-80.00	0.00045
170.00	-90.00	0.00044	170.00	-100.00	0.00043
180.00	100.00	0.00034	180.00	90.00	0.00035
180.00	80.00	0.00035	180.00	70.00	0.00036
180.00	60.00	0.00036	180.00	50.00	0.00037
180.00	40.00	0.00039	180.00	30.00	0.00040
180.00	25.00	0.00040	180.00	20.00	0.00040
180.00	17.00	0.00040	180.00	15.00	0.00040
180.00	13.00	0.00040	180.00	11.00	0.00040
180.00	9.00	0.00040	180.00	-9.00	0.00038
180.00	-11.00	0.00038	180.00	-13.00	0.00038
180.00	-15.00	0.00038	180.00	-17.00	0.00038

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-20.00	0.00039	180.00	-25.00	0.00040
180.00	-30.00	0.00040	180.00	-40.00	0.00042
180.00	-50.00	0.00043	180.00	-60.00	0.00043
180.00	-70.00	0.00042	180.00	-80.00	0.00041
180.00	-90.00	0.00040	180.00	-100.00	0.00039
190.00	100.00	0.00031	190.00	90.00	0.00031
190.00	80.00	0.00032	190.00	70.00	0.00032
190.00	60.00	0.00033	190.00	50.00	0.00034
190.00	40.00	0.00035	190.00	30.00	0.00036
190.00	25.00	0.00036	190.00	20.00	0.00036
190.00	17.00	0.00036	190.00	15.00	0.00036
190.00	13.00	0.00036	190.00	11.00	0.00036
190.00	9.00	0.00036	190.00	-9.00	0.00034
190.00	-11.00	0.00034	190.00	-13.00	0.00034
190.00	-15.00	0.00034	190.00	-17.00	0.00035
190.00	-20.00	0.00035	190.00	-25.00	0.00036
190.00	-30.00	0.00036	190.00	-40.00	0.00038
190.00	-50.00	0.00039	190.00	-60.00	0.00039
190.00	-70.00	0.00039	190.00	-80.00	0.00038
190.00	-90.00	0.00037	190.00	-100.00	0.00036
200.00	100.00	0.00028	200.00	90.00	0.00029
200.00	80.00	0.00029	200.00	70.00	0.00030
200.00	60.00	0.00030	200.00	50.00	0.00031
200.00	40.00	0.00032	200.00	30.00	0.00033
200.00	25.00	0.00033	200.00	20.00	0.00033

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

18:02:13  
 \*\*MODELOPTS:  
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CONC                                  URBAN FLAT    FLGPOL    DFAULT

\*\*\*                                  \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S):                  NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00033	200.00	15.00	0.00033
200.00	13.00	0.00033	200.00	11.00	0.00033
200.00	9.00	0.00032	200.00	-9.00	0.00031
200.00	-11.00	0.00031	200.00	-13.00	0.00031
200.00	-15.00	0.00031	200.00	-17.00	0.00031
200.00	-20.00	0.00032	200.00	-25.00	0.00032
200.00	-30.00	0.00033	200.00	-40.00	0.00034
200.00	-50.00	0.00035	200.00	-60.00	0.00035
200.00	-70.00	0.00035	200.00	-80.00	0.00035

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
200.00	-90.00	0.00034	200.00	-100.00	0.00033
210.00	100.00	0.00026	210.00	90.00	0.00026
210.00	80.00	0.00027	210.00	70.00	0.00027
210.00	60.00	0.00028	210.00	50.00	0.00029
210.00	40.00	0.00030	210.00	30.00	0.00030
210.00	25.00	0.00030	210.00	20.00	0.00030
210.00	17.00	0.00030	210.00	15.00	0.00030
210.00	13.00	0.00030	210.00	11.00	0.00030
210.00	9.00	0.00030	210.00	-9.00	0.00028
210.00	-11.00	0.00028	210.00	-13.00	0.00028
210.00	-15.00	0.00028	210.00	-17.00	0.00029
210.00	-20.00	0.00029	210.00	-25.00	0.00029
210.00	-30.00	0.00030	210.00	-40.00	0.00031
210.00	-50.00	0.00032	210.00	-60.00	0.00032
210.00	-70.00	0.00032	210.00	-80.00	0.00032
210.00	-90.00	0.00031	210.00	-100.00	0.00031
220.00	100.00	0.00024	220.00	90.00	0.00024
220.00	80.00	0.00024	220.00	70.00	0.00025
220.00	60.00	0.00026	220.00	50.00	0.00027
220.00	40.00	0.00027	220.00	30.00	0.00028
220.00	25.00	0.00028	220.00	20.00	0.00028
220.00	17.00	0.00027	220.00	15.00	0.00027
220.00	13.00	0.00027	220.00	11.00	0.00027
220.00	9.00	0.00027	220.00	-9.00	0.00026
220.00	-11.00	0.00026	220.00	-13.00	0.00026
220.00	-15.00	0.00026	220.00	-17.00	0.00026
220.00	-20.00	0.00026	220.00	-25.00	0.00027
220.00	-30.00	0.00027	220.00	-40.00	0.00028
220.00	-50.00	0.00029	220.00	-60.00	0.00030
220.00	-70.00	0.00030	220.00	-80.00	0.00029
220.00	-90.00	0.00029	220.00	-100.00	0.00028

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

18:02:13  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):                      NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00022	230.00	90.00	0.00022
230.00	80.00	0.00023	230.00	70.00	0.00023
230.00	60.00	0.00024	230.00	50.00	0.00025

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
230.00	40.00	0.00025	230.00	30.00	0.00025	
230.00	25.00	0.00025	230.00	20.00	0.00025	
230.00	17.00	0.00025	230.00	15.00	0.00025	
230.00	13.00	0.00025	230.00	11.00	0.00025	
230.00	9.00	0.00025	230.00	-9.00	0.00024	
230.00	-11.00	0.00024	230.00	-13.00	0.00024	
230.00	-15.00	0.00024	230.00	-17.00	0.00024	
230.00	-20.00	0.00024	230.00	-25.00	0.00024	
230.00	-30.00	0.00025	230.00	-40.00	0.00026	
230.00	-50.00	0.00027	230.00	-60.00	0.00027	
230.00	-70.00	0.00027	230.00	-80.00	0.00027	
230.00	-90.00	0.00027	230.00	-100.00	0.00026	
240.00	100.00	0.00020	240.00	90.00	0.00021	
240.00	80.00	0.00021	240.00	70.00	0.00022	
240.00	60.00	0.00022	240.00	50.00	0.00023	
240.00	40.00	0.00023	240.00	30.00	0.00023	
240.00	25.00	0.00023	240.00	20.00	0.00023	
240.00	17.00	0.00023	240.00	15.00	0.00023	
240.00	13.00	0.00023	240.00	11.00	0.00023	
240.00	9.00	0.00023	240.00	-9.00	0.00022	
240.00	-11.00	0.00022	240.00	-13.00	0.00022	
240.00	-15.00	0.00022	240.00	-17.00	0.00022	
240.00	-20.00	0.00022	240.00	-25.00	0.00022	
240.00	-30.00	0.00023	240.00	-40.00	0.00024	
240.00	-50.00	0.00024	240.00	-60.00	0.00025	
240.00	-70.00	0.00025	240.00	-80.00	0.00025	
240.00	-90.00	0.00025	240.00	-100.00	0.00025	
250.00	100.00	0.00019	250.00	90.00	0.00019	
250.00	80.00	0.00020	250.00	70.00	0.00020	
250.00	60.00	0.00021	250.00	50.00	0.00021	
250.00	40.00	0.00022	250.00	30.00	0.00022	
250.00	25.00	0.00022	250.00	20.00	0.00022	
250.00	17.00	0.00022	250.00	15.00	0.00021	
250.00	13.00	0.00021	250.00	11.00	0.00021	
250.00	9.00	0.00021	250.00	-9.00	0.00021	
250.00	-11.00	0.00020	250.00	-13.00	0.00020	
250.00	-15.00	0.00020	250.00	-17.00	0.00020	

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

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

18:02:13  
 \*\*MODELOPTS:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00021	250.00	-25.00	0.00021
250.00	-30.00	0.00021	250.00	-40.00	0.00022
250.00	-50.00	0.00022	250.00	-60.00	0.00023
250.00	-70.00	0.00023	250.00	-80.00	0.00023
250.00	-90.00	0.00023	250.00	-100.00	0.00023

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:02:13

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00025	-250.00	90.00	0.00024
-250.00	80.00	0.00023	-250.00	70.00	0.00022
-250.00	60.00	0.00021	-250.00	50.00	0.00019
-250.00	40.00	0.00018	-250.00	30.00	0.00017
-250.00	25.00	0.00017	-250.00	20.00	0.00016
-250.00	17.00	0.00016	-250.00	15.00	0.00016
-250.00	13.00	0.00016	-250.00	11.00	0.00015
-250.00	9.00	0.00015	-250.00	-9.00	0.00012
-250.00	-11.00	0.00012	-250.00	-13.00	0.00012
-250.00	-15.00	0.00011	-250.00	-17.00	0.00011
-250.00	-20.00	0.00011	-250.00	-25.00	0.00011
-250.00	-30.00	0.00011	-250.00	-40.00	0.00011
-250.00	-50.00	0.00011	-250.00	-60.00	0.00011
-250.00	-70.00	0.00010	-250.00	-80.00	0.00010
-250.00	-90.00	0.00009	-250.00	-100.00	0.00008
-240.00	100.00	0.00030	-240.00	90.00	0.00028
-240.00	80.00	0.00026	-240.00	70.00	0.00025
-240.00	60.00	0.00024	-240.00	50.00	0.00022
-240.00	40.00	0.00021	-240.00	30.00	0.00019
-240.00	25.00	0.00019	-240.00	20.00	0.00019
-240.00	17.00	0.00018	-240.00	15.00	0.00018
-240.00	13.00	0.00018	-240.00	11.00	0.00017
-240.00	9.00	0.00017	-240.00	-9.00	0.00014
-240.00	-11.00	0.00013	-240.00	-13.00	0.00013
-240.00	-15.00	0.00013	-240.00	-17.00	0.00013
-240.00	-20.00	0.00012	-240.00	-25.00	0.00012

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-240.00	-30.00	0.00012	-240.00	-40.00	0.00013
-240.00	-50.00	0.00012	-240.00	-60.00	0.00012
-240.00	-70.00	0.00011	-240.00	-80.00	0.00010
-240.00	-90.00	0.00010	-240.00	-100.00	0.00009
-230.00	100.00	0.00036	-230.00	90.00	0.00034
-230.00	80.00	0.00031	-230.00	70.00	0.00030
-230.00	60.00	0.00028	-230.00	50.00	0.00026
-230.00	40.00	0.00024	-230.00	30.00	0.00022
-230.00	25.00	0.00022	-230.00	20.00	0.00021
-230.00	17.00	0.00021	-230.00	15.00	0.00020
-230.00	13.00	0.00020	-230.00	11.00	0.00020
-230.00	9.00	0.00019	-230.00	-9.00	0.00015
-230.00	-11.00	0.00015	-230.00	-13.00	0.00015
-230.00	-15.00	0.00014	-230.00	-17.00	0.00014

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

18:02:13

\*\*MODELOPTs:

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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
-230.00	-20.00	0.00014	-230.00	-25.00	0.00014
-230.00	-30.00	0.00014	-230.00	-40.00	0.00014
-230.00	-50.00	0.00014	-230.00	-60.00	0.00013
-230.00	-70.00	0.00012	-230.00	-80.00	0.00011
-230.00	-90.00	0.00010	-230.00	-100.00	0.00010
-220.00	100.00	0.00045	-220.00	90.00	0.00042
-220.00	80.00	0.00038	-220.00	70.00	0.00036
-220.00	60.00	0.00033	-220.00	50.00	0.00031
-220.00	40.00	0.00029	-220.00	30.00	0.00026
-220.00	25.00	0.00025	-220.00	20.00	0.00024
-220.00	17.00	0.00024	-220.00	15.00	0.00024
-220.00	13.00	0.00023	-220.00	11.00	0.00023
-220.00	9.00	0.00022	-220.00	-9.00	0.00017
-220.00	-11.00	0.00017	-220.00	-13.00	0.00017
-220.00	-15.00	0.00016	-220.00	-17.00	0.00016
-220.00	-20.00	0.00016	-220.00	-25.00	0.00016
-220.00	-30.00	0.00016	-220.00	-40.00	0.00016
-220.00	-50.00	0.00016	-220.00	-60.00	0.00014
-220.00	-70.00	0.00013	-220.00	-80.00	0.00012
-220.00	-90.00	0.00011	-220.00	-100.00	0.00011

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-210.00	100.00	0.00055	-210.00	90.00	0.00052
-210.00	80.00	0.00048	-210.00	70.00	0.00044
-210.00	60.00	0.00040	-210.00	50.00	0.00037
-210.00	40.00	0.00034	-210.00	30.00	0.00031
-210.00	25.00	0.00030	-210.00	20.00	0.00029
-210.00	17.00	0.00028	-210.00	15.00	0.00028
-210.00	13.00	0.00027	-210.00	11.00	0.00027
-210.00	9.00	0.00026	-210.00	-9.00	0.00020
-210.00	-11.00	0.00019	-210.00	-13.00	0.00019
-210.00	-15.00	0.00019	-210.00	-17.00	0.00019
-210.00	-20.00	0.00019	-210.00	-25.00	0.00019
-210.00	-30.00	0.00019	-210.00	-40.00	0.00018
-210.00	-50.00	0.00017	-210.00	-60.00	0.00016
-210.00	-70.00	0.00015	-210.00	-80.00	0.00014
-210.00	-90.00	0.00013	-210.00	-100.00	0.00012
-200.00	100.00	0.00068	-200.00	90.00	0.00066
-200.00	80.00	0.00062	-200.00	70.00	0.00057
-200.00	60.00	0.00051	-200.00	50.00	0.00046
-200.00	40.00	0.00042	-200.00	30.00	0.00038
-200.00	25.00	0.00036	-200.00	20.00	0.00034

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

18:02:13  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3      **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00033	-200.00	15.00	0.00033
-200.00	13.00	0.00032	-200.00	11.00	0.00031
-200.00	9.00	0.00031	-200.00	-9.00	0.00023
-200.00	-11.00	0.00022	-200.00	-13.00	0.00022
-200.00	-15.00	0.00022	-200.00	-17.00	0.00022
-200.00	-20.00	0.00022	-200.00	-25.00	0.00022
-200.00	-30.00	0.00022	-200.00	-40.00	0.00021
-200.00	-50.00	0.00019	-200.00	-60.00	0.00018
-200.00	-70.00	0.00016	-200.00	-80.00	0.00015
-200.00	-90.00	0.00014	-200.00	-100.00	0.00013
-190.00	100.00	0.00084	-190.00	90.00	0.00083
-190.00	80.00	0.00080	-190.00	70.00	0.00075
-190.00	60.00	0.00068	-190.00	50.00	0.00060
-190.00	40.00	0.00053	-190.00	30.00	0.00047



03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-190.00	25.00	0.00044	-190.00	20.00	0.00041
-190.00	17.00	0.00040	-190.00	15.00	0.00039
-190.00	13.00	0.00038	-190.00	11.00	0.00037
-190.00	9.00	0.00037	-190.00	-9.00	0.00027
-190.00	-11.00	0.00026	-190.00	-13.00	0.00026
-190.00	-15.00	0.00026	-190.00	-17.00	0.00026
-190.00	-20.00	0.00026	-190.00	-25.00	0.00026
-190.00	-30.00	0.00026	-190.00	-40.00	0.00024
-190.00	-50.00	0.00022	-190.00	-60.00	0.00020
-190.00	-70.00	0.00018	-190.00	-80.00	0.00017
-190.00	-90.00	0.00016	-190.00	-100.00	0.00015
-180.00	100.00	0.00101	-180.00	90.00	0.00103
-180.00	80.00	0.00102	-180.00	70.00	0.00099
-180.00	60.00	0.00093	-180.00	50.00	0.00082
-180.00	40.00	0.00070	-180.00	30.00	0.00060
-180.00	25.00	0.00056	-180.00	20.00	0.00051
-180.00	17.00	0.00049	-180.00	15.00	0.00048
-180.00	13.00	0.00047	-180.00	11.00	0.00045
-180.00	9.00	0.00044	-180.00	-9.00	0.00032
-180.00	-11.00	0.00031	-180.00	-13.00	0.00031
-180.00	-15.00	0.00031	-180.00	-17.00	0.00031
-180.00	-20.00	0.00031	-180.00	-25.00	0.00031
-180.00	-30.00	0.00030	-180.00	-40.00	0.00027
-180.00	-50.00	0.00025	-180.00	-60.00	0.00023
-180.00	-70.00	0.00021	-180.00	-80.00	0.00019
-180.00	-90.00	0.00018	-180.00	-100.00	0.00017

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

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

18:02:13

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00121	-170.00	90.00	0.00126
-170.00	80.00	0.00129	-170.00	70.00	0.00129
-170.00	60.00	0.00126	-170.00	50.00	0.00118
-170.00	40.00	0.00101	-170.00	30.00	0.00082
-170.00	25.00	0.00074	-170.00	20.00	0.00067
-170.00	17.00	0.00063	-170.00	15.00	0.00060
-170.00	13.00	0.00058	-170.00	11.00	0.00056
-170.00	9.00	0.00054	-170.00	-9.00	0.00038

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-11.00	0.00038	-170.00	-13.00	0.00037
-170.00	-15.00	0.00037	-170.00	-17.00	0.00037
-170.00	-20.00	0.00037	-170.00	-25.00	0.00036
-170.00	-30.00	0.00034	-170.00	-40.00	0.00031
-170.00	-50.00	0.00029	-170.00	-60.00	0.00026
-170.00	-70.00	0.00024	-170.00	-80.00	0.00022
-170.00	-90.00	0.00021	-170.00	-100.00	0.00020
-160.00	100.00	0.00142	-160.00	90.00	0.00152
-160.00	80.00	0.00160	-160.00	70.00	0.00166
-160.00	60.00	0.00169	-160.00	50.00	0.00166
-160.00	40.00	0.00154	-160.00	30.00	0.00126
-160.00	25.00	0.00109	-160.00	20.00	0.00093
-160.00	17.00	0.00085	-160.00	15.00	0.00081
-160.00	13.00	0.00077	-160.00	11.00	0.00073
-160.00	9.00	0.00069	-160.00	-9.00	0.00046
-160.00	-11.00	0.00046	-160.00	-13.00	0.00046
-160.00	-15.00	0.00045	-160.00	-17.00	0.00045
-160.00	-20.00	0.00044	-160.00	-25.00	0.00042
-160.00	-30.00	0.00040	-160.00	-40.00	0.00037
-160.00	-50.00	0.00034	-160.00	-60.00	0.00031
-160.00	-70.00	0.00029	-160.00	-80.00	0.00027
-160.00	-90.00	0.00025	-160.00	-100.00	0.00023
-150.00	100.00	0.00163	-150.00	90.00	0.00178
-150.00	80.00	0.00193	-150.00	70.00	0.00207
-150.00	60.00	0.00220	-150.00	50.00	0.00228
-150.00	40.00	0.00228	-150.00	30.00	0.00208
-150.00	25.00	0.00188	-150.00	20.00	0.00160
-150.00	17.00	0.00140	-150.00	15.00	0.00127
-150.00	13.00	0.00115	-150.00	11.00	0.00105
-150.00	9.00	0.00096	-150.00	-9.00	0.00057
-150.00	-11.00	0.00056	-150.00	-13.00	0.00055
-150.00	-15.00	0.00055	-150.00	-17.00	0.00054

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

18:02:13  
 \*\*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	0.00053	-150.00	-25.00	0.00051
-150.00	-30.00	0.00049	-150.00	-40.00	0.00046

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-50.00	0.00042	-150.00	-60.00	0.00038
-150.00	-70.00	0.00035	-150.00	-80.00	0.00032
-150.00	-90.00	0.00030	-150.00	-100.00	0.00027
-140.00	100.00	0.00182	-140.00	90.00	0.00203
-140.00	80.00	0.00226	-140.00	70.00	0.00250
-140.00	60.00	0.00274	-140.00	50.00	0.00298
-140.00	40.00	0.00318	-140.00	30.00	0.00324
-140.00	25.00	0.00317	-140.00	20.00	0.00299
-140.00	17.00	0.00281	-140.00	15.00	0.00265
-140.00	13.00	0.00247	-140.00	11.00	0.00225
-140.00	9.00	0.00200	-140.00	-9.00	0.00074
-140.00	-11.00	0.00073	-140.00	-13.00	0.00072
-140.00	-15.00	0.00071	-140.00	-17.00	0.00071
-140.00	-20.00	0.00070	-140.00	-25.00	0.00067
-140.00	-30.00	0.00065	-140.00	-40.00	0.00059
-140.00	-50.00	0.00054	-140.00	-60.00	0.00048
-140.00	-70.00	0.00044	-140.00	-80.00	0.00039
-140.00	-90.00	0.00036	-140.00	-100.00	0.00032
-130.00	100.00	0.00198	-130.00	90.00	0.00224
-130.00	80.00	0.00253	-130.00	70.00	0.00287
-130.00	60.00	0.00323	-130.00	50.00	0.00362
-130.00	40.00	0.00403	-130.00	30.00	0.00440
-130.00	25.00	0.00453	-130.00	20.00	0.00460
-130.00	17.00	0.00460	-130.00	15.00	0.00459
-130.00	13.00	0.00458	-130.00	11.00	0.00458
-130.00	9.00	0.00460	-130.00	-9.00	0.00146
-130.00	-11.00	0.00132	-130.00	-13.00	0.00123
-130.00	-15.00	0.00117	-130.00	-17.00	0.00112
-130.00	-20.00	0.00106	-130.00	-25.00	0.00098
-130.00	-30.00	0.00091	-130.00	-40.00	0.00079
-130.00	-50.00	0.00069	-130.00	-60.00	0.00061
-130.00	-70.00	0.00054	-130.00	-80.00	0.00047
-130.00	-90.00	0.00042	-130.00	-100.00	0.00038
-120.00	100.00	0.00208	-120.00	90.00	0.00238
-120.00	80.00	0.00273	-120.00	70.00	0.00314
-120.00	60.00	0.00360	-120.00	50.00	0.00411
-120.00	40.00	0.00466	-120.00	30.00	0.00520
-120.00	25.00	0.00545	-120.00	20.00	0.00565

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

18:02:13  
 \*\*MODELOPTS:  
 PAGE 88

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):      NCRA\_S4 ,  
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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-120.00	17.00	0.00574	-120.00	15.00	0.00579	
-120.00	13.00	0.00583	-120.00	11.00	0.00587	
-120.00	9.00	0.00591	-120.00	-9.00	0.00253	
-120.00	-11.00	0.00232	-120.00	-13.00	0.00214	
-120.00	-15.00	0.00199	-120.00	-17.00	0.00185	
-120.00	-20.00	0.00168	-120.00	-25.00	0.00146	
-120.00	-30.00	0.00130	-120.00	-40.00	0.00107	
-120.00	-50.00	0.00090	-120.00	-60.00	0.00076	
-120.00	-70.00	0.00066	-120.00	-80.00	0.00057	
-120.00	-90.00	0.00050	-120.00	-100.00	0.00044	
-110.00	100.00	0.00213	-110.00	90.00	0.00245	
-110.00	80.00	0.00285	-110.00	70.00	0.00331	
-110.00	60.00	0.00385	-110.00	50.00	0.00445	
-110.00	40.00	0.00510	-110.00	30.00	0.00578	
-110.00	25.00	0.00609	-110.00	20.00	0.00636	
-110.00	17.00	0.00648	-110.00	15.00	0.00653	
-110.00	13.00	0.00656	-110.00	11.00	0.00658	
-110.00	9.00	0.00661	-110.00	-9.00	0.00321	
-110.00	-11.00	0.00300	-110.00	-13.00	0.00283	
-110.00	-15.00	0.00268	-110.00	-17.00	0.00254	
-110.00	-20.00	0.00234	-110.00	-25.00	0.00203	
-110.00	-30.00	0.00178	-110.00	-40.00	0.00140	
-110.00	-50.00	0.00114	-110.00	-60.00	0.00095	
-110.00	-70.00	0.00080	-110.00	-80.00	0.00068	
-110.00	-90.00	0.00058	-110.00	-100.00	0.00051	
-100.00	100.00	0.00212	-100.00	90.00	0.00246	
-100.00	80.00	0.00287	-100.00	70.00	0.00337	
-100.00	60.00	0.00397	-100.00	50.00	0.00466	
-100.00	40.00	0.00541	-100.00	30.00	0.00618	
-100.00	25.00	0.00654	-100.00	20.00	0.00682	
-100.00	17.00	0.00693	-100.00	15.00	0.00698	
-100.00	13.00	0.00701	-100.00	11.00	0.00702	
-100.00	9.00	0.00705	-100.00	-9.00	0.00367	
-100.00	-11.00	0.00347	-100.00	-13.00	0.00330	
-100.00	-15.00	0.00315	-100.00	-17.00	0.00301	
-100.00	-20.00	0.00282	-100.00	-25.00	0.00252	
-100.00	-30.00	0.00224	-100.00	-40.00	0.00176	
-100.00	-50.00	0.00140	-100.00	-60.00	0.00114	
-100.00	-70.00	0.00095	-100.00	-80.00	0.00080	
-100.00	-90.00	0.00068	-100.00	-100.00	0.00058	

18:02:13  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00207	-90.00	90.00	0.00240
-90.00	80.00	0.00282	-90.00	70.00	0.00333
-90.00	60.00	0.00396	-90.00	50.00	0.00472
-90.00	40.00	0.00557	-90.00	30.00	0.00642
-90.00	25.00	0.00679	-90.00	20.00	0.00708
-90.00	17.00	0.00720	-90.00	15.00	0.00725
-90.00	13.00	0.00729	-90.00	11.00	0.00731
-90.00	9.00	0.00734	-90.00	-9.00	0.00400
-90.00	-11.00	0.00381	-90.00	-13.00	0.00364
-90.00	-15.00	0.00349	-90.00	-17.00	0.00335
-90.00	-20.00	0.00316	-90.00	-25.00	0.00286
-90.00	-30.00	0.00258	-90.00	-40.00	0.00209
-90.00	-50.00	0.00166	-90.00	-60.00	0.00134
-90.00	-70.00	0.00110	-90.00	-80.00	0.00091
-90.00	-90.00	0.00077	-90.00	-100.00	0.00066
-80.00	100.00	0.00197	-80.00	90.00	0.00229
-80.00	80.00	0.00269	-80.00	70.00	0.00319
-80.00	60.00	0.00382	-80.00	50.00	0.00460
-80.00	40.00	0.00552	-80.00	30.00	0.00647
-80.00	25.00	0.00688	-80.00	20.00	0.00720
-80.00	17.00	0.00734	-80.00	15.00	0.00740
-80.00	13.00	0.00745	-80.00	11.00	0.00748
-80.00	9.00	0.00751	-80.00	-9.00	0.00423
-80.00	-11.00	0.00404	-80.00	-13.00	0.00388
-80.00	-15.00	0.00373	-80.00	-17.00	0.00359
-80.00	-20.00	0.00340	-80.00	-25.00	0.00310
-80.00	-30.00	0.00283	-80.00	-40.00	0.00234
-80.00	-50.00	0.00190	-80.00	-60.00	0.00153
-80.00	-70.00	0.00124	-80.00	-80.00	0.00102
-80.00	-90.00	0.00086	-80.00	-100.00	0.00072
-70.00	100.00	0.00183	-70.00	90.00	0.00213
-70.00	80.00	0.00250	-70.00	70.00	0.00296
-70.00	60.00	0.00355	-70.00	50.00	0.00429
-70.00	40.00	0.00520	-70.00	30.00	0.00623

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	25.00	0.00672	-70.00	20.00	0.00714
-70.00	17.00	0.00732	-70.00	15.00	0.00741
-70.00	13.00	0.00748	-70.00	11.00	0.00753
-70.00	9.00	0.00758	-70.00	-9.00	0.00437
-70.00	-11.00	0.00418	-70.00	-13.00	0.00403
-70.00	-15.00	0.00389	-70.00	-17.00	0.00376

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

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

18:02:13

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00357	-70.00	-25.00	0.00328
-70.00	-30.00	0.00301	-70.00	-40.00	0.00251
-70.00	-50.00	0.00207	-70.00	-60.00	0.00168
-70.00	-70.00	0.00137	-70.00	-80.00	0.00113
-70.00	-90.00	0.00093	-70.00	-100.00	0.00079
-60.00	100.00	0.00167	-60.00	90.00	0.00193
-60.00	80.00	0.00225	-60.00	70.00	0.00266
-60.00	60.00	0.00317	-60.00	50.00	0.00381
-60.00	40.00	0.00460	-60.00	30.00	0.00555
-60.00	25.00	0.00609	-60.00	20.00	0.00664
-60.00	17.00	0.00694	-60.00	15.00	0.00711
-60.00	13.00	0.00726	-60.00	11.00	0.00737
-60.00	9.00	0.00748	-60.00	-9.00	0.00444
-60.00	-11.00	0.00425	-60.00	-13.00	0.00410
-60.00	-15.00	0.00398	-60.00	-17.00	0.00385
-60.00	-20.00	0.00367	-60.00	-25.00	0.00338
-60.00	-30.00	0.00310	-60.00	-40.00	0.00260
-60.00	-50.00	0.00216	-60.00	-60.00	0.00178
-60.00	-70.00	0.00147	-60.00	-80.00	0.00121
-60.00	-90.00	0.00100	-60.00	-100.00	0.00084
-50.00	100.00	0.00150	-50.00	90.00	0.00172
-50.00	80.00	0.00198	-50.00	70.00	0.00231
-50.00	60.00	0.00271	-50.00	50.00	0.00320
-50.00	40.00	0.00379	-50.00	30.00	0.00451
-50.00	25.00	0.00492	-50.00	20.00	0.00537
-50.00	17.00	0.00565	-50.00	15.00	0.00585
-50.00	13.00	0.00607	-50.00	11.00	0.00631
-50.00	9.00	0.00658	-50.00	-9.00	0.00441

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-50.00	-11.00	0.00423	-50.00	-13.00	0.00407
-50.00	-15.00	0.00395	-50.00	-17.00	0.00383
-50.00	-20.00	0.00365	-50.00	-25.00	0.00337
-50.00	-30.00	0.00309	-50.00	-40.00	0.00261
-50.00	-50.00	0.00218	-50.00	-60.00	0.00182
-50.00	-70.00	0.00152	-50.00	-80.00	0.00126
-50.00	-90.00	0.00105	-50.00	-100.00	0.00088
-40.00	100.00	0.00133	-40.00	90.00	0.00151
-40.00	80.00	0.00173	-40.00	70.00	0.00198
-40.00	60.00	0.00228	-40.00	50.00	0.00262
-40.00	40.00	0.00300	-40.00	30.00	0.00342
-40.00	25.00	0.00364	-40.00	20.00	0.00384

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

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

18:02:13

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00395	-40.00	15.00	0.00401
-40.00	13.00	0.00405	-40.00	11.00	0.00408
-40.00	9.00	0.00408	-40.00	-9.00	0.00378
-40.00	-11.00	0.00374	-40.00	-13.00	0.00367
-40.00	-15.00	0.00360	-40.00	-17.00	0.00353
-40.00	-20.00	0.00340	-40.00	-25.00	0.00318
-40.00	-30.00	0.00295	-40.00	-40.00	0.00252
-40.00	-50.00	0.00214	-40.00	-60.00	0.00181
-40.00	-70.00	0.00153	-40.00	-80.00	0.00129
-40.00	-90.00	0.00108	-40.00	-100.00	0.00092
-30.00	100.00	0.00119	-30.00	90.00	0.00133
-30.00	80.00	0.00150	-30.00	70.00	0.00170
-30.00	60.00	0.00192	-30.00	50.00	0.00216
-30.00	40.00	0.00241	-30.00	30.00	0.00266
-30.00	25.00	0.00277	-30.00	20.00	0.00285
-30.00	17.00	0.00287	-30.00	15.00	0.00287
-30.00	13.00	0.00287	-30.00	11.00	0.00285
-30.00	9.00	0.00283	-30.00	-9.00	0.00275
-30.00	-11.00	0.00280	-30.00	-13.00	0.00284
-30.00	-15.00	0.00287	-30.00	-17.00	0.00288
-30.00	-20.00	0.00286	-30.00	-25.00	0.00279
-30.00	-30.00	0.00265	-30.00	-40.00	0.00233

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-30.00	-50.00	0.00202	-30.00	-60.00	0.00174	
-30.00	-70.00	0.00150	-30.00	-80.00	0.00128	
-30.00	-90.00	0.00109	-30.00	-100.00	0.00093	
-20.00	100.00	0.00106	-20.00	90.00	0.00118	
-20.00	80.00	0.00131	-20.00	70.00	0.00146	
-20.00	60.00	0.00163	-20.00	50.00	0.00180	
-20.00	40.00	0.00196	-20.00	30.00	0.00210	
-20.00	25.00	0.00214	-20.00	20.00	0.00216	
-20.00	17.00	0.00216	-20.00	15.00	0.00216	
-20.00	13.00	0.00216	-20.00	11.00	0.00216	
-20.00	9.00	0.00216	-20.00	-9.00	0.00213	
-20.00	-11.00	0.00216	-20.00	-13.00	0.00220	
-20.00	-15.00	0.00222	-20.00	-17.00	0.00224	
-20.00	-20.00	0.00226	-20.00	-25.00	0.00227	
-20.00	-30.00	0.00224	-20.00	-40.00	0.00207	
-20.00	-50.00	0.00185	-20.00	-60.00	0.00163	
-20.00	-70.00	0.00142	-20.00	-80.00	0.00124	
-20.00	-90.00	0.00108	-20.00	-100.00	0.00093	

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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
-10.00	100.00	0.00095	-10.00	90.00	0.00105
-10.00	80.00	0.00116	-10.00	70.00	0.00127
-10.00	60.00	0.00139	-10.00	50.00	0.00151
-10.00	40.00	0.00161	-10.00	30.00	0.00167
-10.00	25.00	0.00168	-10.00	20.00	0.00170
-10.00	17.00	0.00171	-10.00	15.00	0.00172
-10.00	13.00	0.00173	-10.00	11.00	0.00173
-10.00	9.00	0.00173	-10.00	-9.00	0.00169
-10.00	-11.00	0.00172	-10.00	-13.00	0.00175
-10.00	-15.00	0.00178	-10.00	-17.00	0.00180
-10.00	-20.00	0.00181	-10.00	-25.00	0.00182
-10.00	-30.00	0.00182	-10.00	-40.00	0.00177
-10.00	-50.00	0.00164	-10.00	-60.00	0.00148
-10.00	-70.00	0.00132	-10.00	-80.00	0.00117
-10.00	-90.00	0.00104	-10.00	-100.00	0.00091
0.00	100.00	0.00086	0.00	90.00	0.00094



03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	80.00	0.00102	0.00	70.00	0.00111
0.00	60.00	0.00119	0.00	50.00	0.00126
0.00	40.00	0.00132	0.00	30.00	0.00135
0.00	25.00	0.00136	0.00	20.00	0.00138
0.00	17.00	0.00140	0.00	15.00	0.00141
0.00	13.00	0.00142	0.00	11.00	0.00142
0.00	9.00	0.00142	0.00	-9.00	0.00137
0.00	-11.00	0.00140	0.00	-13.00	0.00142
0.00	-15.00	0.00144	0.00	-17.00	0.00146
0.00	-20.00	0.00148	0.00	-25.00	0.00150
0.00	-30.00	0.00150	0.00	-40.00	0.00147
0.00	-50.00	0.00142	0.00	-60.00	0.00132
0.00	-70.00	0.00121	0.00	-80.00	0.00109
0.00	-90.00	0.00098	0.00	-100.00	0.00088
10.00	100.00	0.00077	10.00	90.00	0.00084
10.00	80.00	0.00090	10.00	70.00	0.00096
10.00	60.00	0.00102	10.00	50.00	0.00106
10.00	40.00	0.00109	10.00	30.00	0.00112
10.00	25.00	0.00113	10.00	20.00	0.00116
10.00	17.00	0.00117	10.00	15.00	0.00118
10.00	13.00	0.00118	10.00	11.00	0.00118
10.00	9.00	0.00118	10.00	-9.00	0.00114
10.00	-11.00	0.00115	10.00	-13.00	0.00117
10.00	-15.00	0.00119	10.00	-17.00	0.00120

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

18:02:13  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* INCLUDING SOURCE(S):            NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00123	10.00	-25.00	0.00125
10.00	-30.00	0.00125	10.00	-40.00	0.00123
10.00	-50.00	0.00120	10.00	-60.00	0.00115
10.00	-70.00	0.00108	10.00	-80.00	0.00100
10.00	-90.00	0.00092	10.00	-100.00	0.00083
20.00	100.00	0.00070	20.00	90.00	0.00075
20.00	80.00	0.00080	20.00	70.00	0.00084
20.00	60.00	0.00087	20.00	50.00	0.00090
20.00	40.00	0.00092	20.00	30.00	0.00094
20.00	25.00	0.00096	20.00	20.00	0.00098

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	17.00	0.00099	20.00	15.00	0.00100
20.00	13.00	0.00100	20.00	11.00	0.00100
20.00	9.00	0.00099	20.00	-9.00	0.00095
20.00	-11.00	0.00096	20.00	-13.00	0.00098
20.00	-15.00	0.00099	20.00	-17.00	0.00100
20.00	-20.00	0.00102	20.00	-25.00	0.00105
20.00	-30.00	0.00106	20.00	-40.00	0.00105
20.00	-50.00	0.00102	20.00	-60.00	0.00099
20.00	-70.00	0.00096	20.00	-80.00	0.00090
20.00	-90.00	0.00084	20.00	-100.00	0.00078
30.00	100.00	0.00063	30.00	90.00	0.00067
30.00	80.00	0.00070	30.00	70.00	0.00073
30.00	60.00	0.00075	30.00	50.00	0.00077
30.00	40.00	0.00078	30.00	30.00	0.00081
30.00	25.00	0.00083	30.00	20.00	0.00084
30.00	17.00	0.00085	30.00	15.00	0.00085
30.00	13.00	0.00085	30.00	11.00	0.00085
30.00	9.00	0.00085	30.00	-9.00	0.00081
30.00	-11.00	0.00082	30.00	-13.00	0.00083
30.00	-15.00	0.00084	30.00	-17.00	0.00085
30.00	-20.00	0.00086	30.00	-25.00	0.00089
30.00	-30.00	0.00090	30.00	-40.00	0.00090
30.00	-50.00	0.00088	30.00	-60.00	0.00086
30.00	-70.00	0.00084	30.00	-80.00	0.00080
30.00	-90.00	0.00077	30.00	-100.00	0.00072
40.00	100.00	0.00057	40.00	90.00	0.00060
40.00	80.00	0.00062	40.00	70.00	0.00064
40.00	60.00	0.00065	40.00	50.00	0.00066
40.00	40.00	0.00068	40.00	30.00	0.00071
40.00	25.00	0.00072	40.00	20.00	0.00073

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

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

18:02:13

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00074	40.00	15.00	0.00074
40.00	13.00	0.00074	40.00	11.00	0.00073
40.00	9.00	0.00073	40.00	-9.00	0.00070
40.00	-11.00	0.00070	40.00	-13.00	0.00071

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
40.00	-15.00	0.00072	40.00	-17.00	0.00072
40.00	-20.00	0.00074	40.00	-25.00	0.00076
40.00	-30.00	0.00077	40.00	-40.00	0.00078
40.00	-50.00	0.00077	40.00	-60.00	0.00075
40.00	-70.00	0.00073	40.00	-80.00	0.00071
40.00	-90.00	0.00069	40.00	-100.00	0.00066
50.00	100.00	0.00051	50.00	90.00	0.00053
50.00	80.00	0.00055	50.00	70.00	0.00056
50.00	60.00	0.00057	50.00	50.00	0.00058
50.00	40.00	0.00060	50.00	30.00	0.00062
50.00	25.00	0.00063	50.00	20.00	0.00064
50.00	17.00	0.00064	50.00	15.00	0.00064
50.00	13.00	0.00064	50.00	11.00	0.00064
50.00	9.00	0.00064	50.00	-9.00	0.00061
50.00	-11.00	0.00061	50.00	-13.00	0.00061
50.00	-15.00	0.00062	50.00	-17.00	0.00063
50.00	-20.00	0.00064	50.00	-25.00	0.00065
50.00	-30.00	0.00067	50.00	-40.00	0.00069
50.00	-50.00	0.00068	50.00	-60.00	0.00066
50.00	-70.00	0.00064	50.00	-80.00	0.00063
50.00	-90.00	0.00061	50.00	-100.00	0.00059
60.00	100.00	0.00046	60.00	90.00	0.00048
60.00	80.00	0.00049	60.00	70.00	0.00049
60.00	60.00	0.00050	60.00	50.00	0.00051
60.00	40.00	0.00053	60.00	30.00	0.00055
60.00	25.00	0.00056	60.00	20.00	0.00056
60.00	17.00	0.00057	60.00	15.00	0.00056
60.00	13.00	0.00056	60.00	11.00	0.00056
60.00	9.00	0.00056	60.00	-9.00	0.00053
60.00	-11.00	0.00054	60.00	-13.00	0.00054
60.00	-15.00	0.00054	60.00	-17.00	0.00055
60.00	-20.00	0.00055	60.00	-25.00	0.00057
60.00	-30.00	0.00058	60.00	-40.00	0.00060
60.00	-50.00	0.00060	60.00	-60.00	0.00059
60.00	-70.00	0.00057	60.00	-80.00	0.00056
60.00	-90.00	0.00055	60.00	-100.00	0.00053

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

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

18:02:13  
\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00042	70.00	90.00	0.00043
70.00	80.00	0.00043	70.00	70.00	0.00044
70.00	60.00	0.00045	70.00	50.00	0.00046
70.00	40.00	0.00048	70.00	30.00	0.00049
70.00	25.00	0.00050	70.00	20.00	0.00050
70.00	17.00	0.00050	70.00	15.00	0.00050
70.00	13.00	0.00050	70.00	11.00	0.00050
70.00	9.00	0.00049	70.00	-9.00	0.00047
70.00	-11.00	0.00047	70.00	-13.00	0.00048
70.00	-15.00	0.00048	70.00	-17.00	0.00048
70.00	-20.00	0.00049	70.00	-25.00	0.00050
70.00	-30.00	0.00051	70.00	-40.00	0.00053
70.00	-50.00	0.00054	70.00	-60.00	0.00053
70.00	-70.00	0.00052	70.00	-80.00	0.00050
70.00	-90.00	0.00049	70.00	-100.00	0.00048
80.00	100.00	0.00038	80.00	90.00	0.00038
80.00	80.00	0.00039	80.00	70.00	0.00039
80.00	60.00	0.00040	80.00	50.00	0.00041
80.00	40.00	0.00043	80.00	30.00	0.00044
80.00	25.00	0.00045	80.00	20.00	0.00045
80.00	17.00	0.00045	80.00	15.00	0.00045
80.00	13.00	0.00044	80.00	11.00	0.00044
80.00	9.00	0.00044	80.00	-9.00	0.00042
80.00	-11.00	0.00042	80.00	-13.00	0.00042
80.00	-15.00	0.00043	80.00	-17.00	0.00043
80.00	-20.00	0.00043	80.00	-25.00	0.00044
80.00	-30.00	0.00045	80.00	-40.00	0.00047
80.00	-50.00	0.00048	80.00	-60.00	0.00048
80.00	-70.00	0.00047	80.00	-80.00	0.00045
80.00	-90.00	0.00044	80.00	-100.00	0.00043
90.00	100.00	0.00034	90.00	90.00	0.00035
90.00	80.00	0.00035	90.00	70.00	0.00036
90.00	60.00	0.00036	90.00	50.00	0.00037
90.00	40.00	0.00039	90.00	30.00	0.00040
90.00	25.00	0.00040	90.00	20.00	0.00040
90.00	17.00	0.00040	90.00	15.00	0.00040
90.00	13.00	0.00040	90.00	11.00	0.00040
90.00	9.00	0.00040	90.00	-9.00	0.00038
90.00	-11.00	0.00038	90.00	-13.00	0.00038
90.00	-15.00	0.00038	90.00	-17.00	0.00038

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

18:02:13

\*\*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	0.00039	90.00	-25.00	0.00040
90.00	-30.00	0.00040	90.00	-40.00	0.00042
90.00	-50.00	0.00043	90.00	-60.00	0.00043
90.00	-70.00	0.00042	90.00	-80.00	0.00041
90.00	-90.00	0.00040	90.00	-100.00	0.00039
100.00	100.00	0.00031	100.00	90.00	0.00031
100.00	80.00	0.00032	100.00	70.00	0.00032
100.00	60.00	0.00033	100.00	50.00	0.00034
100.00	40.00	0.00035	100.00	30.00	0.00036
100.00	25.00	0.00036	100.00	20.00	0.00036
100.00	17.00	0.00036	100.00	15.00	0.00036
100.00	13.00	0.00036	100.00	11.00	0.00036
100.00	9.00	0.00036	100.00	-9.00	0.00034
100.00	-11.00	0.00034	100.00	-13.00	0.00034
100.00	-15.00	0.00034	100.00	-17.00	0.00035
100.00	-20.00	0.00035	100.00	-25.00	0.00036
100.00	-30.00	0.00036	100.00	-40.00	0.00038
100.00	-50.00	0.00039	100.00	-60.00	0.00039
100.00	-70.00	0.00039	100.00	-80.00	0.00038
100.00	-90.00	0.00037	100.00	-100.00	0.00036
110.00	100.00	0.00028	110.00	90.00	0.00029
110.00	80.00	0.00029	110.00	70.00	0.00030
110.00	60.00	0.00030	110.00	50.00	0.00031
110.00	40.00	0.00032	110.00	30.00	0.00033
110.00	25.00	0.00033	110.00	20.00	0.00033
110.00	17.00	0.00033	110.00	15.00	0.00033
110.00	13.00	0.00033	110.00	11.00	0.00033
110.00	9.00	0.00032	110.00	-9.00	0.00031
110.00	-11.00	0.00031	110.00	-13.00	0.00031
110.00	-15.00	0.00031	110.00	-17.00	0.00031
110.00	-20.00	0.00032	110.00	-25.00	0.00032
110.00	-30.00	0.00033	110.00	-40.00	0.00034
110.00	-50.00	0.00035	110.00	-60.00	0.00035
110.00	-70.00	0.00035	110.00	-80.00	0.00035
110.00	-90.00	0.00034	110.00	-100.00	0.00033
120.00	100.00	0.00026	120.00	90.00	0.00026

		03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound			
120.00	80.00	0.00027	120.00	70.00	0.00027
120.00	60.00	0.00028	120.00	50.00	0.00029
120.00	40.00	0.00030	120.00	30.00	0.00030
120.00	25.00	0.00030	120.00	20.00	0.00030

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

18:02:13  
 \*\*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	0.00030	120.00	15.00	0.00030
120.00	13.00	0.00030	120.00	11.00	0.00030
120.00	9.00	0.00030	120.00	-9.00	0.00028
120.00	-11.00	0.00028	120.00	-13.00	0.00028
120.00	-15.00	0.00028	120.00	-17.00	0.00029
120.00	-20.00	0.00029	120.00	-25.00	0.00029
120.00	-30.00	0.00030	120.00	-40.00	0.00031
120.00	-50.00	0.00032	120.00	-60.00	0.00032
120.00	-70.00	0.00032	120.00	-80.00	0.00032
120.00	-90.00	0.00031	120.00	-100.00	0.00031
130.00	100.00	0.00024	130.00	90.00	0.00024
130.00	80.00	0.00024	130.00	70.00	0.00025
130.00	60.00	0.00026	130.00	50.00	0.00027
130.00	40.00	0.00027	130.00	30.00	0.00028
130.00	25.00	0.00028	130.00	20.00	0.00028
130.00	17.00	0.00027	130.00	15.00	0.00027
130.00	13.00	0.00027	130.00	11.00	0.00027
130.00	9.00	0.00027	130.00	-9.00	0.00026
130.00	-11.00	0.00026	130.00	-13.00	0.00026
130.00	-15.00	0.00026	130.00	-17.00	0.00026
130.00	-20.00	0.00026	130.00	-25.00	0.00027
130.00	-30.00	0.00027	130.00	-40.00	0.00028
130.00	-50.00	0.00029	130.00	-60.00	0.00030
130.00	-70.00	0.00030	130.00	-80.00	0.00029
130.00	-90.00	0.00029	130.00	-100.00	0.00028
140.00	100.00	0.00022	140.00	90.00	0.00022
140.00	80.00	0.00023	140.00	70.00	0.00023
140.00	60.00	0.00024	140.00	50.00	0.00025
140.00	40.00	0.00025	140.00	30.00	0.00025
140.00	25.00	0.00025	140.00	20.00	0.00025

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
140.00	17.00	0.00025	140.00	15.00	0.00025	
140.00	13.00	0.00025	140.00	11.00	0.00025	
140.00	9.00	0.00025	140.00	-9.00	0.00024	
140.00	-11.00	0.00024	140.00	-13.00	0.00024	
140.00	-15.00	0.00024	140.00	-17.00	0.00024	
140.00	-20.00	0.00024	140.00	-25.00	0.00024	
140.00	-30.00	0.00025	140.00	-40.00	0.00026	
140.00	-50.00	0.00027	140.00	-60.00	0.00027	
140.00	-70.00	0.00027	140.00	-80.00	0.00027	
140.00	-90.00	0.00027	140.00	-100.00	0.00026	

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

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

18:02:13  
 \*\*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	0.00020	150.00	90.00	0.00021
150.00	80.00	0.00021	150.00	70.00	0.00022
150.00	60.00	0.00022	150.00	50.00	0.00023
150.00	40.00	0.00023	150.00	30.00	0.00023
150.00	25.00	0.00023	150.00	20.00	0.00023
150.00	17.00	0.00023	150.00	15.00	0.00023
150.00	13.00	0.00023	150.00	11.00	0.00023
150.00	9.00	0.00023	150.00	-9.00	0.00022
150.00	-11.00	0.00022	150.00	-13.00	0.00022
150.00	-15.00	0.00022	150.00	-17.00	0.00022
150.00	-20.00	0.00022	150.00	-25.00	0.00022
150.00	-30.00	0.00023	150.00	-40.00	0.00024
150.00	-50.00	0.00024	150.00	-60.00	0.00025
150.00	-70.00	0.00025	150.00	-80.00	0.00025
150.00	-90.00	0.00025	150.00	-100.00	0.00025
160.00	100.00	0.00019	160.00	90.00	0.00019
160.00	80.00	0.00020	160.00	70.00	0.00020
160.00	60.00	0.00021	160.00	50.00	0.00021
160.00	40.00	0.00022	160.00	30.00	0.00022
160.00	25.00	0.00022	160.00	20.00	0.00022
160.00	17.00	0.00022	160.00	15.00	0.00021
160.00	13.00	0.00021	160.00	11.00	0.00021
160.00	9.00	0.00021	160.00	-9.00	0.00021
160.00	-11.00	0.00020	160.00	-13.00	0.00020

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
160.00	-15.00	0.00020	160.00	-17.00	0.00020	
160.00	-20.00	0.00021	160.00	-25.00	0.00021	
160.00	-30.00	0.00021	160.00	-40.00	0.00022	
160.00	-50.00	0.00022	160.00	-60.00	0.00023	
160.00	-70.00	0.00023	160.00	-80.00	0.00023	
160.00	-90.00	0.00023	160.00	-100.00	0.00023	
170.00	100.00	0.00018	170.00	90.00	0.00018	
170.00	80.00	0.00018	170.00	70.00	0.00019	
170.00	60.00	0.00019	170.00	50.00	0.00020	
170.00	40.00	0.00020	170.00	30.00	0.00020	
170.00	25.00	0.00020	170.00	20.00	0.00020	
170.00	17.00	0.00020	170.00	15.00	0.00020	
170.00	13.00	0.00020	170.00	11.00	0.00020	
170.00	9.00	0.00020	170.00	-9.00	0.00019	
170.00	-11.00	0.00019	170.00	-13.00	0.00019	
170.00	-15.00	0.00019	170.00	-17.00	0.00019	

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

18:02:13  
 \*\*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	0.00019	170.00	-25.00	0.00019	
170.00	-30.00	0.00019	170.00	-40.00	0.00020	
170.00	-50.00	0.00021	170.00	-60.00	0.00021	
170.00	-70.00	0.00022	170.00	-80.00	0.00022	
170.00	-90.00	0.00022	170.00	-100.00	0.00022	
180.00	100.00	0.00017	180.00	90.00	0.00017	
180.00	80.00	0.00017	180.00	70.00	0.00018	
180.00	60.00	0.00018	180.00	50.00	0.00019	
180.00	40.00	0.00019	180.00	30.00	0.00019	
180.00	25.00	0.00019	180.00	20.00	0.00019	
180.00	17.00	0.00019	180.00	15.00	0.00019	
180.00	13.00	0.00018	180.00	11.00	0.00018	
180.00	9.00	0.00018	180.00	-9.00	0.00018	
180.00	-11.00	0.00018	180.00	-13.00	0.00018	
180.00	-15.00	0.00018	180.00	-17.00	0.00018	
180.00	-20.00	0.00018	180.00	-25.00	0.00018	
180.00	-30.00	0.00018	180.00	-40.00	0.00019	
180.00	-50.00	0.00019	180.00	-60.00	0.00020	



03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
180.00	-70.00	0.00020	180.00	-80.00	0.00020	
180.00	-90.00	0.00020	180.00	-100.00	0.00020	
190.00	100.00	0.00016	190.00	90.00	0.00016	
190.00	80.00	0.00016	190.00	70.00	0.00017	
190.00	60.00	0.00017	190.00	50.00	0.00017	
190.00	40.00	0.00018	190.00	30.00	0.00018	
190.00	25.00	0.00018	190.00	20.00	0.00017	
190.00	17.00	0.00017	190.00	15.00	0.00017	
190.00	13.00	0.00017	190.00	11.00	0.00017	
190.00	9.00	0.00017	190.00	-9.00	0.00017	
190.00	-11.00	0.00017	190.00	-13.00	0.00017	
190.00	-15.00	0.00017	190.00	-17.00	0.00017	
190.00	-20.00	0.00017	190.00	-25.00	0.00017	
190.00	-30.00	0.00017	190.00	-40.00	0.00017	
190.00	-50.00	0.00018	190.00	-60.00	0.00018	
190.00	-70.00	0.00019	190.00	-80.00	0.00019	
190.00	-90.00	0.00019	190.00	-100.00	0.00019	
200.00	100.00	0.00015	200.00	90.00	0.00015	
200.00	80.00	0.00015	200.00	70.00	0.00016	
200.00	60.00	0.00016	200.00	50.00	0.00016	
200.00	40.00	0.00016	200.00	30.00	0.00016	
200.00	25.00	0.00016	200.00	20.00	0.00016	

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

18:02:13  
 \*\*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	0.00016	200.00	15.00	0.00016
200.00	13.00	0.00016	200.00	11.00	0.00016
200.00	9.00	0.00016	200.00	-9.00	0.00016
200.00	-11.00	0.00016	200.00	-13.00	0.00016
200.00	-15.00	0.00016	200.00	-17.00	0.00016
200.00	-20.00	0.00016	200.00	-25.00	0.00016
200.00	-30.00	0.00016	200.00	-40.00	0.00016
200.00	-50.00	0.00017	200.00	-60.00	0.00017
200.00	-70.00	0.00017	200.00	-80.00	0.00018
200.00	-90.00	0.00018	200.00	-100.00	0.00018
210.00	100.00	0.00014	210.00	90.00	0.00014
210.00	80.00	0.00014	210.00	70.00	0.00015

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	60.00	0.00015	210.00	50.00	0.00015
210.00	40.00	0.00015	210.00	30.00	0.00015
210.00	25.00	0.00015	210.00	20.00	0.00015
210.00	17.00	0.00015	210.00	15.00	0.00015
210.00	13.00	0.00015	210.00	11.00	0.00015
210.00	9.00	0.00015	210.00	-9.00	0.00015
210.00	-11.00	0.00015	210.00	-13.00	0.00015
210.00	-15.00	0.00015	210.00	-17.00	0.00015
210.00	-20.00	0.00015	210.00	-25.00	0.00015
210.00	-30.00	0.00015	210.00	-40.00	0.00015
210.00	-50.00	0.00016	210.00	-60.00	0.00016
210.00	-70.00	0.00016	210.00	-80.00	0.00017
210.00	-90.00	0.00017	210.00	-100.00	0.00017
220.00	100.00	0.00013	220.00	90.00	0.00013
220.00	80.00	0.00014	220.00	70.00	0.00014
220.00	60.00	0.00014	220.00	50.00	0.00014
220.00	40.00	0.00015	220.00	30.00	0.00015
220.00	25.00	0.00014	220.00	20.00	0.00014
220.00	17.00	0.00014	220.00	15.00	0.00014
220.00	13.00	0.00014	220.00	11.00	0.00014
220.00	9.00	0.00014	220.00	-9.00	0.00014
220.00	-11.00	0.00014	220.00	-13.00	0.00014
220.00	-15.00	0.00014	220.00	-17.00	0.00014
220.00	-20.00	0.00014	220.00	-25.00	0.00014
220.00	-30.00	0.00014	220.00	-40.00	0.00014
220.00	-50.00	0.00015	220.00	-60.00	0.00015
220.00	-70.00	0.00015	220.00	-80.00	0.00016
220.00	-90.00	0.00016	220.00	-100.00	0.00016

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

18:02:13  
 \*\*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	0.00012	230.00	90.00	0.00013
230.00	80.00	0.00013	230.00	70.00	0.00013
230.00	60.00	0.00013	230.00	50.00	0.00014
230.00	40.00	0.00014	230.00	30.00	0.00014
230.00	25.00	0.00014	230.00	20.00	0.00014
230.00	17.00	0.00014	230.00	15.00	0.00013

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
230.00	13.00	0.00013	230.00	11.00	0.00013	
230.00	9.00	0.00013	230.00	-9.00	0.00013	
230.00	-11.00	0.00013	230.00	-13.00	0.00013	
230.00	-15.00	0.00013	230.00	-17.00	0.00013	
230.00	-20.00	0.00013	230.00	-25.00	0.00013	
230.00	-30.00	0.00013	230.00	-40.00	0.00013	
230.00	-50.00	0.00014	230.00	-60.00	0.00014	
230.00	-70.00	0.00014	230.00	-80.00	0.00015	
230.00	-90.00	0.00015	230.00	-100.00	0.00015	
240.00	100.00	0.00012	240.00	90.00	0.00012	
240.00	80.00	0.00012	240.00	70.00	0.00013	
240.00	60.00	0.00013	240.00	50.00	0.00013	
240.00	40.00	0.00013	240.00	30.00	0.00013	
240.00	25.00	0.00013	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	0.00012	
240.00	-11.00	0.00012	240.00	-13.00	0.00012	
240.00	-15.00	0.00012	240.00	-17.00	0.00012	
240.00	-20.00	0.00012	240.00	-25.00	0.00012	
240.00	-30.00	0.00012	240.00	-40.00	0.00013	
240.00	-50.00	0.00013	240.00	-60.00	0.00013	
240.00	-70.00	0.00014	240.00	-80.00	0.00014	
240.00	-90.00	0.00014	240.00	-100.00	0.00014	
250.00	100.00	0.00011	250.00	90.00	0.00011	
250.00	80.00	0.00012	250.00	70.00	0.00012	
250.00	60.00	0.00012	250.00	50.00	0.00012	
250.00	40.00	0.00012	250.00	30.00	0.00012	
250.00	25.00	0.00012	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	0.00012	
250.00	-11.00	0.00012	250.00	-13.00	0.00012	
250.00	-15.00	0.00012	250.00	-17.00	0.00012	

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

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S4  
\*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

		03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound			
250.00	-20.00	0.00012	250.00	-25.00	0.00012
250.00	-30.00	0.00012	250.00	-40.00	0.00012
250.00	-50.00	0.00012	250.00	-60.00	0.00012
250.00	-70.00	0.00013	250.00	-80.00	0.00013
250.00	-90.00	0.00013	250.00	-100.00	0.00013

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00142	-250.00	90.00	0.00152
-250.00	80.00	0.00160	-250.00	70.00	0.00166
-250.00	60.00	0.00169	-250.00	50.00	0.00166
-250.00	40.00	0.00154	-250.00	30.00	0.00126
-250.00	25.00	0.00109	-250.00	20.00	0.00093
-250.00	17.00	0.00085	-250.00	15.00	0.00081
-250.00	13.00	0.00077	-250.00	11.00	0.00073
-250.00	9.00	0.00069	-250.00	-9.00	0.00046
-250.00	-11.00	0.00046	-250.00	-13.00	0.00046
-250.00	-15.00	0.00045	-250.00	-17.00	0.00045
-250.00	-20.00	0.00044	-250.00	-25.00	0.00042
-250.00	-30.00	0.00040	-250.00	-40.00	0.00037
-250.00	-50.00	0.00034	-250.00	-60.00	0.00031
-250.00	-70.00	0.00029	-250.00	-80.00	0.00027
-250.00	-90.00	0.00025	-250.00	-100.00	0.00023
-240.00	100.00	0.00163	-240.00	90.00	0.00178
-240.00	80.00	0.00193	-240.00	70.00	0.00207
-240.00	60.00	0.00220	-240.00	50.00	0.00228
-240.00	40.00	0.00228	-240.00	30.00	0.00208
-240.00	25.00	0.00188	-240.00	20.00	0.00160
-240.00	17.00	0.00140	-240.00	15.00	0.00127
-240.00	13.00	0.00115	-240.00	11.00	0.00105
-240.00	9.00	0.00096	-240.00	-9.00	0.00057
-240.00	-11.00	0.00056	-240.00	-13.00	0.00055
-240.00	-15.00	0.00055	-240.00	-17.00	0.00054
-240.00	-20.00	0.00053	-240.00	-25.00	0.00051
-240.00	-30.00	0.00049	-240.00	-40.00	0.00046
-240.00	-50.00	0.00042	-240.00	-60.00	0.00038
-240.00	-70.00	0.00035	-240.00	-80.00	0.00032

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-240.00	-90.00	0.00030	-240.00	-100.00	0.00027
-230.00	100.00	0.00182	-230.00	90.00	0.00203
-230.00	80.00	0.00226	-230.00	70.00	0.00250
-230.00	60.00	0.00274	-230.00	50.00	0.00298
-230.00	40.00	0.00318	-230.00	30.00	0.00324
-230.00	25.00	0.00317	-230.00	20.00	0.00299
-230.00	17.00	0.00281	-230.00	15.00	0.00265
-230.00	13.00	0.00247	-230.00	11.00	0.00225
-230.00	9.00	0.00200	-230.00	-9.00	0.00074
-230.00	-11.00	0.00073	-230.00	-13.00	0.00072
-230.00	-15.00	0.00071	-230.00	-17.00	0.00071

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

18:02:13  
 \*\*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	0.00070	-230.00	-25.00	0.00067
-230.00	-30.00	0.00065	-230.00	-40.00	0.00059
-230.00	-50.00	0.00054	-230.00	-60.00	0.00048
-230.00	-70.00	0.00044	-230.00	-80.00	0.00039
-230.00	-90.00	0.00036	-230.00	-100.00	0.00032
-220.00	100.00	0.00198	-220.00	90.00	0.00224
-220.00	80.00	0.00253	-220.00	70.00	0.00287
-220.00	60.00	0.00323	-220.00	50.00	0.00362
-220.00	40.00	0.00403	-220.00	30.00	0.00440
-220.00	25.00	0.00453	-220.00	20.00	0.00460
-220.00	17.00	0.00460	-220.00	15.00	0.00459
-220.00	13.00	0.00458	-220.00	11.00	0.00458
-220.00	9.00	0.00460	-220.00	-9.00	0.00146
-220.00	-11.00	0.00132	-220.00	-13.00	0.00123
-220.00	-15.00	0.00117	-220.00	-17.00	0.00112
-220.00	-20.00	0.00106	-220.00	-25.00	0.00098
-220.00	-30.00	0.00091	-220.00	-40.00	0.00079
-220.00	-50.00	0.00069	-220.00	-60.00	0.00061
-220.00	-70.00	0.00054	-220.00	-80.00	0.00047
-220.00	-90.00	0.00042	-220.00	-100.00	0.00038
-210.00	100.00	0.00208	-210.00	90.00	0.00238
-210.00	80.00	0.00273	-210.00	70.00	0.00314
-210.00	60.00	0.00360	-210.00	50.00	0.00411

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-210.00	40.00	0.00466	-210.00	30.00	0.00520	
-210.00	25.00	0.00545	-210.00	20.00	0.00565	
-210.00	17.00	0.00574	-210.00	15.00	0.00579	
-210.00	13.00	0.00583	-210.00	11.00	0.00587	
-210.00	9.00	0.00591	-210.00	-9.00	0.00253	
-210.00	-11.00	0.00232	-210.00	-13.00	0.00214	
-210.00	-15.00	0.00199	-210.00	-17.00	0.00185	
-210.00	-20.00	0.00168	-210.00	-25.00	0.00146	
-210.00	-30.00	0.00130	-210.00	-40.00	0.00107	
-210.00	-50.00	0.00090	-210.00	-60.00	0.00076	
-210.00	-70.00	0.00066	-210.00	-80.00	0.00057	
-210.00	-90.00	0.00050	-210.00	-100.00	0.00044	
-200.00	100.00	0.00213	-200.00	90.00	0.00245	
-200.00	80.00	0.00285	-200.00	70.00	0.00331	
-200.00	60.00	0.00385	-200.00	50.00	0.00445	
-200.00	40.00	0.00510	-200.00	30.00	0.00578	
-200.00	25.00	0.00609	-200.00	20.00	0.00636	

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

18:02:13  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00648	-200.00	15.00	0.00653
-200.00	13.00	0.00656	-200.00	11.00	0.00658
-200.00	9.00	0.00661	-200.00	-9.00	0.00321
-200.00	-11.00	0.00300	-200.00	-13.00	0.00283
-200.00	-15.00	0.00268	-200.00	-17.00	0.00254
-200.00	-20.00	0.00234	-200.00	-25.00	0.00203
-200.00	-30.00	0.00178	-200.00	-40.00	0.00140
-200.00	-50.00	0.00114	-200.00	-60.00	0.00095
-200.00	-70.00	0.00080	-200.00	-80.00	0.00068
-200.00	-90.00	0.00058	-200.00	-100.00	0.00051
-190.00	100.00	0.00212	-190.00	90.00	0.00246
-190.00	80.00	0.00287	-190.00	70.00	0.00337
-190.00	60.00	0.00397	-190.00	50.00	0.00466
-190.00	40.00	0.00541	-190.00	30.00	0.00618
-190.00	25.00	0.00654	-190.00	20.00	0.00682
-190.00	17.00	0.00693	-190.00	15.00	0.00698
-190.00	13.00	0.00701	-190.00	11.00	0.00702

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-190.00	9.00	0.00705	-190.00	-9.00	0.00367
-190.00	-11.00	0.00347	-190.00	-13.00	0.00330
-190.00	-15.00	0.00315	-190.00	-17.00	0.00301
-190.00	-20.00	0.00282	-190.00	-25.00	0.00252
-190.00	-30.00	0.00224	-190.00	-40.00	0.00176
-190.00	-50.00	0.00140	-190.00	-60.00	0.00114
-190.00	-70.00	0.00095	-190.00	-80.00	0.00080
-190.00	-90.00	0.00068	-190.00	-100.00	0.00058
-180.00	100.00	0.00207	-180.00	90.00	0.00240
-180.00	80.00	0.00282	-180.00	70.00	0.00333
-180.00	60.00	0.00396	-180.00	50.00	0.00472
-180.00	40.00	0.00557	-180.00	30.00	0.00642
-180.00	25.00	0.00679	-180.00	20.00	0.00708
-180.00	17.00	0.00720	-180.00	15.00	0.00725
-180.00	13.00	0.00729	-180.00	11.00	0.00731
-180.00	9.00	0.00734	-180.00	-9.00	0.00400
-180.00	-11.00	0.00381	-180.00	-13.00	0.00364
-180.00	-15.00	0.00349	-180.00	-17.00	0.00335
-180.00	-20.00	0.00316	-180.00	-25.00	0.00286
-180.00	-30.00	0.00258	-180.00	-40.00	0.00209
-180.00	-50.00	0.00166	-180.00	-60.00	0.00134
-180.00	-70.00	0.00110	-180.00	-80.00	0.00091
-180.00	-90.00	0.00077	-180.00	-100.00	0.00066

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

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 \*\*MODELOPTs:  
 PAGE 106  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00197	-170.00	90.00	0.00229
-170.00	80.00	0.00269	-170.00	70.00	0.00319
-170.00	60.00	0.00382	-170.00	50.00	0.00460
-170.00	40.00	0.00552	-170.00	30.00	0.00647
-170.00	25.00	0.00688	-170.00	20.00	0.00720
-170.00	17.00	0.00734	-170.00	15.00	0.00740
-170.00	13.00	0.00745	-170.00	11.00	0.00748
-170.00	9.00	0.00751	-170.00	-9.00	0.00423
-170.00	-11.00	0.00404	-170.00	-13.00	0.00388
-170.00	-15.00	0.00373	-170.00	-17.00	0.00359
-170.00	-20.00	0.00340	-170.00	-25.00	0.00310

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-170.00	-30.00	0.00283	-170.00	-40.00	0.00234	
-170.00	-50.00	0.00190	-170.00	-60.00	0.00153	
-170.00	-70.00	0.00124	-170.00	-80.00	0.00102	
-170.00	-90.00	0.00086	-170.00	-100.00	0.00072	
-160.00	100.00	0.00183	-160.00	90.00	0.00213	
-160.00	80.00	0.00250	-160.00	70.00	0.00296	
-160.00	60.00	0.00355	-160.00	50.00	0.00429	
-160.00	40.00	0.00520	-160.00	30.00	0.00623	
-160.00	25.00	0.00672	-160.00	20.00	0.00714	
-160.00	17.00	0.00732	-160.00	15.00	0.00741	
-160.00	13.00	0.00748	-160.00	11.00	0.00753	
-160.00	9.00	0.00758	-160.00	-9.00	0.00437	
-160.00	-11.00	0.00418	-160.00	-13.00	0.00403	
-160.00	-15.00	0.00389	-160.00	-17.00	0.00376	
-160.00	-20.00	0.00357	-160.00	-25.00	0.00328	
-160.00	-30.00	0.00301	-160.00	-40.00	0.00251	
-160.00	-50.00	0.00207	-160.00	-60.00	0.00168	
-160.00	-70.00	0.00137	-160.00	-80.00	0.00113	
-160.00	-90.00	0.00093	-160.00	-100.00	0.00079	
-150.00	100.00	0.00167	-150.00	90.00	0.00193	
-150.00	80.00	0.00225	-150.00	70.00	0.00266	
-150.00	60.00	0.00317	-150.00	50.00	0.00381	
-150.00	40.00	0.00460	-150.00	30.00	0.00555	
-150.00	25.00	0.00609	-150.00	20.00	0.00664	
-150.00	17.00	0.00694	-150.00	15.00	0.00711	
-150.00	13.00	0.00726	-150.00	11.00	0.00737	
-150.00	9.00	0.00748	-150.00	-9.00	0.00444	
-150.00	-11.00	0.00425	-150.00	-13.00	0.00410	
-150.00	-15.00	0.00398	-150.00	-17.00	0.00385	

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

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

18:02:13

\*\*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	0.00367	-150.00	-25.00	0.00338
-150.00	-30.00	0.00310	-150.00	-40.00	0.00260
-150.00	-50.00	0.00216	-150.00	-60.00	0.00178
-150.00	-70.00	0.00147	-150.00	-80.00	0.00121
-150.00	-90.00	0.00100	-150.00	-100.00	0.00084



03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-140.00	100.00	0.00150	-140.00	90.00	0.00172	
-140.00	80.00	0.00198	-140.00	70.00	0.00231	
-140.00	60.00	0.00271	-140.00	50.00	0.00320	
-140.00	40.00	0.00379	-140.00	30.00	0.00451	
-140.00	25.00	0.00492	-140.00	20.00	0.00537	
-140.00	17.00	0.00565	-140.00	15.00	0.00585	
-140.00	13.00	0.00607	-140.00	11.00	0.00631	
-140.00	9.00	0.00658	-140.00	-9.00	0.00441	
-140.00	-11.00	0.00423	-140.00	-13.00	0.00407	
-140.00	-15.00	0.00395	-140.00	-17.00	0.00383	
-140.00	-20.00	0.00365	-140.00	-25.00	0.00337	
-140.00	-30.00	0.00309	-140.00	-40.00	0.00261	
-140.00	-50.00	0.00218	-140.00	-60.00	0.00182	
-140.00	-70.00	0.00152	-140.00	-80.00	0.00126	
-140.00	-90.00	0.00105	-140.00	-100.00	0.00088	
-130.00	100.00	0.00133	-130.00	90.00	0.00151	
-130.00	80.00	0.00173	-130.00	70.00	0.00198	
-130.00	60.00	0.00228	-130.00	50.00	0.00262	
-130.00	40.00	0.00300	-130.00	30.00	0.00342	
-130.00	25.00	0.00364	-130.00	20.00	0.00384	
-130.00	17.00	0.00395	-130.00	15.00	0.00401	
-130.00	13.00	0.00405	-130.00	11.00	0.00408	
-130.00	9.00	0.00408	-130.00	-9.00	0.00378	
-130.00	-11.00	0.00374	-130.00	-13.00	0.00367	
-130.00	-15.00	0.00360	-130.00	-17.00	0.00353	
-130.00	-20.00	0.00340	-130.00	-25.00	0.00318	
-130.00	-30.00	0.00295	-130.00	-40.00	0.00252	
-130.00	-50.00	0.00214	-130.00	-60.00	0.00181	
-130.00	-70.00	0.00153	-130.00	-80.00	0.00129	
-130.00	-90.00	0.00108	-130.00	-100.00	0.00092	
-120.00	100.00	0.00119	-120.00	90.00	0.00133	
-120.00	80.00	0.00150	-120.00	70.00	0.00170	
-120.00	60.00	0.00192	-120.00	50.00	0.00216	
-120.00	40.00	0.00241	-120.00	30.00	0.00266	
-120.00	25.00	0.00277	-120.00	20.00	0.00285	

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

18:02:13  
 \*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

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

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	17.00	0.00287	-120.00	15.00	0.00287
-120.00	13.00	0.00287	-120.00	11.00	0.00285
-120.00	9.00	0.00283	-120.00	-9.00	0.00275
-120.00	-11.00	0.00280	-120.00	-13.00	0.00284
-120.00	-15.00	0.00287	-120.00	-17.00	0.00288
-120.00	-20.00	0.00286	-120.00	-25.00	0.00279
-120.00	-30.00	0.00265	-120.00	-40.00	0.00233
-120.00	-50.00	0.00202	-120.00	-60.00	0.00174
-120.00	-70.00	0.00150	-120.00	-80.00	0.00128
-120.00	-90.00	0.00109	-120.00	-100.00	0.00093
-110.00	100.00	0.00106	-110.00	90.00	0.00118
-110.00	80.00	0.00131	-110.00	70.00	0.00146
-110.00	60.00	0.00163	-110.00	50.00	0.00180
-110.00	40.00	0.00196	-110.00	30.00	0.00210
-110.00	25.00	0.00214	-110.00	20.00	0.00216
-110.00	17.00	0.00216	-110.00	15.00	0.00216
-110.00	13.00	0.00216	-110.00	11.00	0.00216
-110.00	9.00	0.00216	-110.00	-9.00	0.00213
-110.00	-11.00	0.00216	-110.00	-13.00	0.00220
-110.00	-15.00	0.00222	-110.00	-17.00	0.00224
-110.00	-20.00	0.00226	-110.00	-25.00	0.00227
-110.00	-30.00	0.00224	-110.00	-40.00	0.00207
-110.00	-50.00	0.00185	-110.00	-60.00	0.00163
-110.00	-70.00	0.00142	-110.00	-80.00	0.00124
-110.00	-90.00	0.00108	-110.00	-100.00	0.00093
-100.00	100.00	0.00095	-100.00	90.00	0.00105
-100.00	80.00	0.00116	-100.00	70.00	0.00127
-100.00	60.00	0.00139	-100.00	50.00	0.00151
-100.00	40.00	0.00161	-100.00	30.00	0.00167
-100.00	25.00	0.00168	-100.00	20.00	0.00170
-100.00	17.00	0.00171	-100.00	15.00	0.00172
-100.00	13.00	0.00173	-100.00	11.00	0.00173
-100.00	9.00	0.00173	-100.00	-9.00	0.00169
-100.00	-11.00	0.00172	-100.00	-13.00	0.00175
-100.00	-15.00	0.00178	-100.00	-17.00	0.00180
-100.00	-20.00	0.00181	-100.00	-25.00	0.00182
-100.00	-30.00	0.00182	-100.00	-40.00	0.00177
-100.00	-50.00	0.00164	-100.00	-60.00	0.00148
-100.00	-70.00	0.00132	-100.00	-80.00	0.00117
-100.00	-90.00	0.00104	-100.00	-100.00	0.00091

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*MODELOPTs:  
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\*\*\* 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	0.00086	-90.00	90.00	0.00094	
-90.00	80.00	0.00102	-90.00	70.00	0.00111	
-90.00	60.00	0.00119	-90.00	50.00	0.00126	
-90.00	40.00	0.00132	-90.00	30.00	0.00135	
-90.00	25.00	0.00136	-90.00	20.00	0.00138	
-90.00	17.00	0.00140	-90.00	15.00	0.00141	
-90.00	13.00	0.00142	-90.00	11.00	0.00142	
-90.00	9.00	0.00142	-90.00	-9.00	0.00137	
-90.00	-11.00	0.00140	-90.00	-13.00	0.00142	
-90.00	-15.00	0.00144	-90.00	-17.00	0.00146	
-90.00	-20.00	0.00148	-90.00	-25.00	0.00150	
-90.00	-30.00	0.00150	-90.00	-40.00	0.00147	
-90.00	-50.00	0.00142	-90.00	-60.00	0.00132	
-90.00	-70.00	0.00121	-90.00	-80.00	0.00109	
-90.00	-90.00	0.00098	-90.00	-100.00	0.00088	
-80.00	100.00	0.00077	-80.00	90.00	0.00084	
-80.00	80.00	0.00090	-80.00	70.00	0.00096	
-80.00	60.00	0.00102	-80.00	50.00	0.00106	
-80.00	40.00	0.00109	-80.00	30.00	0.00112	
-80.00	25.00	0.00113	-80.00	20.00	0.00116	
-80.00	17.00	0.00117	-80.00	15.00	0.00118	
-80.00	13.00	0.00118	-80.00	11.00	0.00118	
-80.00	9.00	0.00118	-80.00	-9.00	0.00114	
-80.00	-11.00	0.00115	-80.00	-13.00	0.00117	
-80.00	-15.00	0.00119	-80.00	-17.00	0.00120	
-80.00	-20.00	0.00123	-80.00	-25.00	0.00125	
-80.00	-30.00	0.00125	-80.00	-40.00	0.00123	
-80.00	-50.00	0.00120	-80.00	-60.00	0.00115	
-80.00	-70.00	0.00108	-80.00	-80.00	0.00100	
-80.00	-90.00	0.00092	-80.00	-100.00	0.00083	
-70.00	100.00	0.00070	-70.00	90.00	0.00075	
-70.00	80.00	0.00080	-70.00	70.00	0.00084	
-70.00	60.00	0.00087	-70.00	50.00	0.00090	
-70.00	40.00	0.00092	-70.00	30.00	0.00094	
-70.00	25.00	0.00096	-70.00	20.00	0.00098	
-70.00	17.00	0.00099	-70.00	15.00	0.00100	
-70.00	13.00	0.00100	-70.00	11.00	0.00100	

-70.00	9.00	03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound 0.00099	-70.00	-9.00	0.00095
-70.00	-11.00	0.00096	-70.00	-13.00	0.00098
-70.00	-15.00	0.00099	-70.00	-17.00	0.00100

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

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

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00102	-70.00	-25.00	0.00105
-70.00	-30.00	0.00106	-70.00	-40.00	0.00105
-70.00	-50.00	0.00102	-70.00	-60.00	0.00099
-70.00	-70.00	0.00096	-70.00	-80.00	0.00090
-70.00	-90.00	0.00084	-70.00	-100.00	0.00078
-60.00	100.00	0.00063	-60.00	90.00	0.00067
-60.00	80.00	0.00070	-60.00	70.00	0.00073
-60.00	60.00	0.00075	-60.00	50.00	0.00077
-60.00	40.00	0.00078	-60.00	30.00	0.00081
-60.00	25.00	0.00083	-60.00	20.00	0.00084
-60.00	17.00	0.00085	-60.00	15.00	0.00085
-60.00	13.00	0.00085	-60.00	11.00	0.00085
-60.00	9.00	0.00085	-60.00	-9.00	0.00081
-60.00	-11.00	0.00082	-60.00	-13.00	0.00083
-60.00	-15.00	0.00084	-60.00	-17.00	0.00085
-60.00	-20.00	0.00086	-60.00	-25.00	0.00089
-60.00	-30.00	0.00090	-60.00	-40.00	0.00090
-60.00	-50.00	0.00088	-60.00	-60.00	0.00086
-60.00	-70.00	0.00084	-60.00	-80.00	0.00080
-60.00	-90.00	0.00077	-60.00	-100.00	0.00072
-50.00	100.00	0.00057	-50.00	90.00	0.00060
-50.00	80.00	0.00062	-50.00	70.00	0.00064
-50.00	60.00	0.00065	-50.00	50.00	0.00066
-50.00	40.00	0.00068	-50.00	30.00	0.00071
-50.00	25.00	0.00072	-50.00	20.00	0.00073
-50.00	17.00	0.00074	-50.00	15.00	0.00074
-50.00	13.00	0.00074	-50.00	11.00	0.00073
-50.00	9.00	0.00073	-50.00	-9.00	0.00070
-50.00	-11.00	0.00070	-50.00	-13.00	0.00071
-50.00	-15.00	0.00072	-50.00	-17.00	0.00072
-50.00	-20.00	0.00074	-50.00	-25.00	0.00076



03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-20.00	100.00	0.00042	-20.00	90.00	0.00043	
-20.00	80.00	0.00043	-20.00	70.00	0.00044	
-20.00	60.00	0.00045	-20.00	50.00	0.00046	
-20.00	40.00	0.00048	-20.00	30.00	0.00049	
-20.00	25.00	0.00050	-20.00	20.00	0.00050	
-20.00	17.00	0.00050	-20.00	15.00	0.00050	
-20.00	13.00	0.00050	-20.00	11.00	0.00050	
-20.00	9.00	0.00049	-20.00	-9.00	0.00047	
-20.00	-11.00	0.00047	-20.00	-13.00	0.00048	
-20.00	-15.00	0.00048	-20.00	-17.00	0.00048	
-20.00	-20.00	0.00049	-20.00	-25.00	0.00050	
-20.00	-30.00	0.00051	-20.00	-40.00	0.00053	
-20.00	-50.00	0.00054	-20.00	-60.00	0.00053	
-20.00	-70.00	0.00052	-20.00	-80.00	0.00050	
-20.00	-90.00	0.00049	-20.00	-100.00	0.00048	

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

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

18:02:13

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

\*\*\*                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\*                      INCLUDING SOURCE(S):            NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00038	-10.00	90.00	0.00038
-10.00	80.00	0.00039	-10.00	70.00	0.00039
-10.00	60.00	0.00040	-10.00	50.00	0.00041
-10.00	40.00	0.00043	-10.00	30.00	0.00044
-10.00	25.00	0.00045	-10.00	20.00	0.00045
-10.00	17.00	0.00045	-10.00	15.00	0.00045
-10.00	13.00	0.00044	-10.00	11.00	0.00044
-10.00	9.00	0.00044	-10.00	-9.00	0.00042
-10.00	-11.00	0.00042	-10.00	-13.00	0.00042
-10.00	-15.00	0.00043	-10.00	-17.00	0.00043
-10.00	-20.00	0.00043	-10.00	-25.00	0.00044
-10.00	-30.00	0.00045	-10.00	-40.00	0.00047
-10.00	-50.00	0.00048	-10.00	-60.00	0.00048
-10.00	-70.00	0.00047	-10.00	-80.00	0.00045
-10.00	-90.00	0.00044	-10.00	-100.00	0.00043
0.00	100.00	0.00034	0.00	90.00	0.00035
0.00	80.00	0.00035	0.00	70.00	0.00036
0.00	60.00	0.00036	0.00	50.00	0.00037
0.00	40.00	0.00039	0.00	30.00	0.00040

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	25.00	0.00040	0.00	20.00	0.00040
0.00	17.00	0.00040	0.00	15.00	0.00040
0.00	13.00	0.00040	0.00	11.00	0.00040
0.00	9.00	0.00040	0.00	-9.00	0.00038
0.00	-11.00	0.00038	0.00	-13.00	0.00038
0.00	-15.00	0.00038	0.00	-17.00	0.00038
0.00	-20.00	0.00039	0.00	-25.00	0.00040
0.00	-30.00	0.00040	0.00	-40.00	0.00042
0.00	-50.00	0.00043	0.00	-60.00	0.00043
0.00	-70.00	0.00042	0.00	-80.00	0.00041
0.00	-90.00	0.00040	0.00	-100.00	0.00039
10.00	100.00	0.00031	10.00	90.00	0.00031
10.00	80.00	0.00032	10.00	70.00	0.00032
10.00	60.00	0.00033	10.00	50.00	0.00034
10.00	40.00	0.00035	10.00	30.00	0.00036
10.00	25.00	0.00036	10.00	20.00	0.00036
10.00	17.00	0.00036	10.00	15.00	0.00036
10.00	13.00	0.00036	10.00	11.00	0.00036
10.00	9.00	0.00036	10.00	-9.00	0.00034
10.00	-11.00	0.00034	10.00	-13.00	0.00034
10.00	-15.00	0.00034	10.00	-17.00	0.00035

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

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

18:02:13

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00035	10.00	-25.00	0.00036
10.00	-30.00	0.00036	10.00	-40.00	0.00038
10.00	-50.00	0.00039	10.00	-60.00	0.00039
10.00	-70.00	0.00039	10.00	-80.00	0.00038
10.00	-90.00	0.00037	10.00	-100.00	0.00036
20.00	100.00	0.00028	20.00	90.00	0.00029
20.00	80.00	0.00029	20.00	70.00	0.00030
20.00	60.00	0.00030	20.00	50.00	0.00031
20.00	40.00	0.00032	20.00	30.00	0.00033
20.00	25.00	0.00033	20.00	20.00	0.00033
20.00	17.00	0.00033	20.00	15.00	0.00033
20.00	13.00	0.00033	20.00	11.00	0.00033
20.00	9.00	0.00032	20.00	-9.00	0.00031

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-11.00	0.00031	20.00	-13.00	0.00031
20.00	-15.00	0.00031	20.00	-17.00	0.00031
20.00	-20.00	0.00032	20.00	-25.00	0.00032
20.00	-30.00	0.00033	20.00	-40.00	0.00034
20.00	-50.00	0.00035	20.00	-60.00	0.00035
20.00	-70.00	0.00035	20.00	-80.00	0.00035
20.00	-90.00	0.00034	20.00	-100.00	0.00033
30.00	100.00	0.00026	30.00	90.00	0.00026
30.00	80.00	0.00027	30.00	70.00	0.00027
30.00	60.00	0.00028	30.00	50.00	0.00029
30.00	40.00	0.00030	30.00	30.00	0.00030
30.00	25.00	0.00030	30.00	20.00	0.00030
30.00	17.00	0.00030	30.00	15.00	0.00030
30.00	13.00	0.00030	30.00	11.00	0.00030
30.00	9.00	0.00030	30.00	-9.00	0.00028
30.00	-11.00	0.00028	30.00	-13.00	0.00028
30.00	-15.00	0.00028	30.00	-17.00	0.00029
30.00	-20.00	0.00029	30.00	-25.00	0.00029
30.00	-30.00	0.00030	30.00	-40.00	0.00031
30.00	-50.00	0.00032	30.00	-60.00	0.00032
30.00	-70.00	0.00032	30.00	-80.00	0.00032
30.00	-90.00	0.00031	30.00	-100.00	0.00031
40.00	100.00	0.00024	40.00	90.00	0.00024
40.00	80.00	0.00024	40.00	70.00	0.00025
40.00	60.00	0.00026	40.00	50.00	0.00027
40.00	40.00	0.00027	40.00	30.00	0.00028
40.00	25.00	0.00028	40.00	20.00	0.00028

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at 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
40.00	17.00	0.00027	40.00	15.00	0.00027
40.00	13.00	0.00027	40.00	11.00	0.00027
40.00	9.00	0.00027	40.00	-9.00	0.00026
40.00	-11.00	0.00026	40.00	-13.00	0.00026
40.00	-15.00	0.00026	40.00	-17.00	0.00026
40.00	-20.00	0.00026	40.00	-25.00	0.00027
40.00	-30.00	0.00027	40.00	-40.00	0.00028



03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-50.00	0.00029	40.00	-60.00	0.00030
40.00	-70.00	0.00030	40.00	-80.00	0.00029
40.00	-90.00	0.00029	40.00	-100.00	0.00028
50.00	100.00	0.00022	50.00	90.00	0.00022
50.00	80.00	0.00023	50.00	70.00	0.00023
50.00	60.00	0.00024	50.00	50.00	0.00025
50.00	40.00	0.00025	50.00	30.00	0.00025
50.00	25.00	0.00025	50.00	20.00	0.00025
50.00	17.00	0.00025	50.00	15.00	0.00025
50.00	13.00	0.00025	50.00	11.00	0.00025
50.00	9.00	0.00025	50.00	-9.00	0.00024
50.00	-11.00	0.00024	50.00	-13.00	0.00024
50.00	-15.00	0.00024	50.00	-17.00	0.00024
50.00	-20.00	0.00024	50.00	-25.00	0.00024
50.00	-30.00	0.00025	50.00	-40.00	0.00026
50.00	-50.00	0.00027	50.00	-60.00	0.00027
50.00	-70.00	0.00027	50.00	-80.00	0.00027
50.00	-90.00	0.00027	50.00	-100.00	0.00026
60.00	100.00	0.00020	60.00	90.00	0.00021
60.00	80.00	0.00021	60.00	70.00	0.00022
60.00	60.00	0.00022	60.00	50.00	0.00023
60.00	40.00	0.00023	60.00	30.00	0.00023
60.00	25.00	0.00023	60.00	20.00	0.00023
60.00	17.00	0.00023	60.00	15.00	0.00023
60.00	13.00	0.00023	60.00	11.00	0.00023
60.00	9.00	0.00023	60.00	-9.00	0.00022
60.00	-11.00	0.00022	60.00	-13.00	0.00022
60.00	-15.00	0.00022	60.00	-17.00	0.00022
60.00	-20.00	0.00022	60.00	-25.00	0.00022
60.00	-30.00	0.00023	60.00	-40.00	0.00024
60.00	-50.00	0.00024	60.00	-60.00	0.00025
60.00	-70.00	0.00025	60.00	-80.00	0.00025
60.00	-90.00	0.00025	60.00	-100.00	0.00025

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

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

18:02:13

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00019	70.00	90.00	0.00019

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	80.00	0.00020	70.00	70.00	0.00020
70.00	60.00	0.00021	70.00	50.00	0.00021
70.00	40.00	0.00022	70.00	30.00	0.00022
70.00	25.00	0.00022	70.00	20.00	0.00022
70.00	17.00	0.00022	70.00	15.00	0.00021
70.00	13.00	0.00021	70.00	11.00	0.00021
70.00	9.00	0.00021	70.00	-9.00	0.00021
70.00	-11.00	0.00020	70.00	-13.00	0.00020
70.00	-15.00	0.00020	70.00	-17.00	0.00020
70.00	-20.00	0.00021	70.00	-25.00	0.00021
70.00	-30.00	0.00021	70.00	-40.00	0.00022
70.00	-50.00	0.00022	70.00	-60.00	0.00023
70.00	-70.00	0.00023	70.00	-80.00	0.00023
70.00	-90.00	0.00023	70.00	-100.00	0.00023
80.00	100.00	0.00018	80.00	90.00	0.00018
80.00	80.00	0.00018	80.00	70.00	0.00019
80.00	60.00	0.00019	80.00	50.00	0.00020
80.00	40.00	0.00020	80.00	30.00	0.00020
80.00	25.00	0.00020	80.00	20.00	0.00020
80.00	17.00	0.00020	80.00	15.00	0.00020
80.00	13.00	0.00020	80.00	11.00	0.00020
80.00	9.00	0.00020	80.00	-9.00	0.00019
80.00	-11.00	0.00019	80.00	-13.00	0.00019
80.00	-15.00	0.00019	80.00	-17.00	0.00019
80.00	-20.00	0.00019	80.00	-25.00	0.00019
80.00	-30.00	0.00019	80.00	-40.00	0.00020
80.00	-50.00	0.00021	80.00	-60.00	0.00021
80.00	-70.00	0.00022	80.00	-80.00	0.00022
80.00	-90.00	0.00022	80.00	-100.00	0.00022
90.00	100.00	0.00017	90.00	90.00	0.00017
90.00	80.00	0.00017	90.00	70.00	0.00018
90.00	60.00	0.00018	90.00	50.00	0.00019
90.00	40.00	0.00019	90.00	30.00	0.00019
90.00	25.00	0.00019	90.00	20.00	0.00019
90.00	17.00	0.00019	90.00	15.00	0.00019
90.00	13.00	0.00018	90.00	11.00	0.00018
90.00	9.00	0.00018	90.00	-9.00	0.00018
90.00	-11.00	0.00018	90.00	-13.00	0.00018
90.00	-15.00	0.00018	90.00	-17.00	0.00018

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

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

18:02:13  
 \*\*MODELOPTs:  
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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	0.00018	90.00	-25.00	0.00018
90.00	-30.00	0.00018	90.00	-40.00	0.00019
90.00	-50.00	0.00019	90.00	-60.00	0.00020
90.00	-70.00	0.00020	90.00	-80.00	0.00020
90.00	-90.00	0.00020	90.00	-100.00	0.00020
100.00	100.00	0.00016	100.00	90.00	0.00016
100.00	80.00	0.00016	100.00	70.00	0.00017
100.00	60.00	0.00017	100.00	50.00	0.00017
100.00	40.00	0.00018	100.00	30.00	0.00018
100.00	25.00	0.00018	100.00	20.00	0.00017
100.00	17.00	0.00017	100.00	15.00	0.00017
100.00	13.00	0.00017	100.00	11.00	0.00017
100.00	9.00	0.00017	100.00	-9.00	0.00017
100.00	-11.00	0.00017	100.00	-13.00	0.00017
100.00	-15.00	0.00017	100.00	-17.00	0.00017
100.00	-20.00	0.00017	100.00	-25.00	0.00017
100.00	-30.00	0.00017	100.00	-40.00	0.00017
100.00	-50.00	0.00018	100.00	-60.00	0.00018
100.00	-70.00	0.00019	100.00	-80.00	0.00019
100.00	-90.00	0.00019	100.00	-100.00	0.00019
110.00	100.00	0.00015	110.00	90.00	0.00015
110.00	80.00	0.00015	110.00	70.00	0.00016
110.00	60.00	0.00016	110.00	50.00	0.00016
110.00	40.00	0.00016	110.00	30.00	0.00016
110.00	25.00	0.00016	110.00	20.00	0.00016
110.00	17.00	0.00016	110.00	15.00	0.00016
110.00	13.00	0.00016	110.00	11.00	0.00016
110.00	9.00	0.00016	110.00	-9.00	0.00016
110.00	-11.00	0.00016	110.00	-13.00	0.00016
110.00	-15.00	0.00016	110.00	-17.00	0.00016
110.00	-20.00	0.00016	110.00	-25.00	0.00016
110.00	-30.00	0.00016	110.00	-40.00	0.00016
110.00	-50.00	0.00017	110.00	-60.00	0.00017
110.00	-70.00	0.00017	110.00	-80.00	0.00018
110.00	-90.00	0.00018	110.00	-100.00	0.00018
120.00	100.00	0.00014	120.00	90.00	0.00014
120.00	80.00	0.00014	120.00	70.00	0.00015
120.00	60.00	0.00015	120.00	50.00	0.00015
120.00	40.00	0.00015	120.00	30.00	0.00015

120.00 25.00 03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound  
 0.00015 120.00 20.00 0.00015

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

18:02:13  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
120.00	17.00	0.00015	120.00	15.00	0.00015
120.00	13.00	0.00015	120.00	11.00	0.00015
120.00	9.00	0.00015	120.00	-9.00	0.00015
120.00	-11.00	0.00015	120.00	-13.00	0.00015
120.00	-15.00	0.00015	120.00	-17.00	0.00015
120.00	-20.00	0.00015	120.00	-25.00	0.00015
120.00	-30.00	0.00015	120.00	-40.00	0.00015
120.00	-50.00	0.00016	120.00	-60.00	0.00016
120.00	-70.00	0.00016	120.00	-80.00	0.00017
120.00	-90.00	0.00017	120.00	-100.00	0.00017
130.00	100.00	0.00013	130.00	90.00	0.00013
130.00	80.00	0.00014	130.00	70.00	0.00014
130.00	60.00	0.00014	130.00	50.00	0.00014
130.00	40.00	0.00015	130.00	30.00	0.00015
130.00	25.00	0.00014	130.00	20.00	0.00014
130.00	17.00	0.00014	130.00	15.00	0.00014
130.00	13.00	0.00014	130.00	11.00	0.00014
130.00	9.00	0.00014	130.00	-9.00	0.00014
130.00	-11.00	0.00014	130.00	-13.00	0.00014
130.00	-15.00	0.00014	130.00	-17.00	0.00014
130.00	-20.00	0.00014	130.00	-25.00	0.00014
130.00	-30.00	0.00014	130.00	-40.00	0.00014
130.00	-50.00	0.00015	130.00	-60.00	0.00015
130.00	-70.00	0.00015	130.00	-80.00	0.00016
130.00	-90.00	0.00016	130.00	-100.00	0.00016
140.00	100.00	0.00012	140.00	90.00	0.00013
140.00	80.00	0.00013	140.00	70.00	0.00013
140.00	60.00	0.00013	140.00	50.00	0.00014
140.00	40.00	0.00014	140.00	30.00	0.00014
140.00	25.00	0.00014	140.00	20.00	0.00014
140.00	17.00	0.00014	140.00	15.00	0.00013
140.00	13.00	0.00013	140.00	11.00	0.00013
140.00	9.00	0.00013	140.00	-9.00	0.00013

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
140.00	-11.00	0.00013	140.00	-13.00	0.00013
140.00	-15.00	0.00013	140.00	-17.00	0.00013
140.00	-20.00	0.00013	140.00	-25.00	0.00013
140.00	-30.00	0.00013	140.00	-40.00	0.00013
140.00	-50.00	0.00014	140.00	-60.00	0.00014
140.00	-70.00	0.00014	140.00	-80.00	0.00015
140.00	-90.00	0.00015	140.00	-100.00	0.00015

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

18:02:13  
 \*\*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	0.00012	150.00	90.00	0.00012
150.00	80.00	0.00012	150.00	70.00	0.00013
150.00	60.00	0.00013	150.00	50.00	0.00013
150.00	40.00	0.00013	150.00	30.00	0.00013
150.00	25.00	0.00013	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	0.00012
150.00	-11.00	0.00012	150.00	-13.00	0.00012
150.00	-15.00	0.00012	150.00	-17.00	0.00012
150.00	-20.00	0.00012	150.00	-25.00	0.00012
150.00	-30.00	0.00012	150.00	-40.00	0.00013
150.00	-50.00	0.00013	150.00	-60.00	0.00013
150.00	-70.00	0.00014	150.00	-80.00	0.00014
150.00	-90.00	0.00014	150.00	-100.00	0.00014
160.00	100.00	0.00011	160.00	90.00	0.00011
160.00	80.00	0.00012	160.00	70.00	0.00012
160.00	60.00	0.00012	160.00	50.00	0.00012
160.00	40.00	0.00012	160.00	30.00	0.00012
160.00	25.00	0.00012	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	0.00012
160.00	-11.00	0.00012	160.00	-13.00	0.00012
160.00	-15.00	0.00012	160.00	-17.00	0.00012
160.00	-20.00	0.00012	160.00	-25.00	0.00012
160.00	-30.00	0.00012	160.00	-40.00	0.00012

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-50.00	0.00012	160.00	-60.00	0.00012
160.00	-70.00	0.00013	160.00	-80.00	0.00013
160.00	-90.00	0.00013	160.00	-100.00	0.00013
170.00	100.00	0.00011	170.00	90.00	0.00011
170.00	80.00	0.00011	170.00	70.00	0.00011
170.00	60.00	0.00012	170.00	50.00	0.00012
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	0.00011
170.00	-11.00	0.00011	170.00	-13.00	0.00011
170.00	-15.00	0.00011	170.00	-17.00	0.00011

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

18:02:13  
 \*\*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	0.00011	170.00	-25.00	0.00011
170.00	-30.00	0.00011	170.00	-40.00	0.00011
170.00	-50.00	0.00011	170.00	-60.00	0.00012
170.00	-70.00	0.00012	170.00	-80.00	0.00012
170.00	-90.00	0.00012	170.00	-100.00	0.00013
180.00	100.00	0.00010	180.00	90.00	0.00010
180.00	80.00	0.00011	180.00	70.00	0.00011
180.00	60.00	0.00011	180.00	50.00	0.00011
180.00	40.00	0.00011	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	0.00011
180.00	13.00	0.00011	180.00	11.00	0.00011
180.00	9.00	0.00011	180.00	-9.00	0.00010
180.00	-11.00	0.00010	180.00	-13.00	0.00010
180.00	-15.00	0.00010	180.00	-17.00	0.00010
180.00	-20.00	0.00010	180.00	-25.00	0.00010
180.00	-30.00	0.00010	180.00	-40.00	0.00011
180.00	-50.00	0.00011	180.00	-60.00	0.00011
180.00	-70.00	0.00011	180.00	-80.00	0.00012
180.00	-90.00	0.00012	180.00	-100.00	0.00012
190.00	100.00	0.00010	190.00	90.00	0.00010

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
190.00	80.00	0.00010	190.00	70.00	0.00010	
190.00	60.00	0.00010	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	0.00010	
190.00	9.00	0.00010	190.00	-9.00	0.00010	
190.00	-11.00	0.00010	190.00	-13.00	0.00010	
190.00	-15.00	0.00010	190.00	-17.00	0.00010	
190.00	-20.00	0.00010	190.00	-25.00	0.00010	
190.00	-30.00	0.00010	190.00	-40.00	0.00010	
190.00	-50.00	0.00010	190.00	-60.00	0.00010	
190.00	-70.00	0.00011	190.00	-80.00	0.00011	
190.00	-90.00	0.00011	190.00	-100.00	0.00011	
200.00	100.00	0.00009	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	0.00010	200.00	20.00	0.00010	

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

18:02:13  
 \*\*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	0.00010	200.00	15.00	0.00010
200.00	13.00	0.00010	200.00	11.00	0.00010
200.00	9.00	0.00010	200.00	-9.00	0.00009
200.00	-11.00	0.00009	200.00	-13.00	0.00009
200.00	-15.00	0.00009	200.00	-17.00	0.00009
200.00	-20.00	0.00009	200.00	-25.00	0.00009
200.00	-30.00	0.00009	200.00	-40.00	0.00010
200.00	-50.00	0.00010	200.00	-60.00	0.00010
200.00	-70.00	0.00010	200.00	-80.00	0.00010
200.00	-90.00	0.00011	200.00	-100.00	0.00011
210.00	100.00	0.00009	210.00	90.00	0.00009
210.00	80.00	0.00009	210.00	70.00	0.00009
210.00	60.00	0.00009	210.00	50.00	0.00010
210.00	40.00	0.00010	210.00	30.00	0.00009
210.00	25.00	0.00009	210.00	20.00	0.00009

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	17.00	0.00009	210.00	15.00	0.00009
210.00	13.00	0.00009	210.00	11.00	0.00009
210.00	9.00	0.00009	210.00	-9.00	0.00009
210.00	-11.00	0.00009	210.00	-13.00	0.00009
210.00	-15.00	0.00009	210.00	-17.00	0.00009
210.00	-20.00	0.00009	210.00	-25.00	0.00009
210.00	-30.00	0.00009	210.00	-40.00	0.00009
210.00	-50.00	0.00009	210.00	-60.00	0.00009
210.00	-70.00	0.00010	210.00	-80.00	0.00010
210.00	-90.00	0.00010	210.00	-100.00	0.00010
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	0.00009
220.00	25.00	0.00009	220.00	20.00	0.00009
220.00	17.00	0.00009	220.00	15.00	0.00009
220.00	13.00	0.00009	220.00	11.00	0.00009
220.00	9.00	0.00009	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	0.00009	220.00	-25.00	0.00009
220.00	-30.00	0.00009	220.00	-40.00	0.00009
220.00	-50.00	0.00009	220.00	-60.00	0.00009
220.00	-70.00	0.00009	220.00	-80.00	0.00009
220.00	-90.00	0.00010	220.00	-100.00	0.00010

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

18:02:13  
 \*\*MODELOPTS:  
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CONC      URBAN FLAT    FLGPOL    DFAULT

\*\*\*      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: NCRA\_S5  
 INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00008	230.00	90.00	0.00008
230.00	80.00	0.00009	230.00	70.00	0.00009
230.00	60.00	0.00009	230.00	50.00	0.00009
230.00	40.00	0.00009	230.00	30.00	0.00009
230.00	25.00	0.00009	230.00	20.00	0.00009
230.00	17.00	0.00009	230.00	15.00	0.00008
230.00	13.00	0.00008	230.00	11.00	0.00008
230.00	9.00	0.00008	230.00	-9.00	0.00008
230.00	-11.00	0.00008	230.00	-13.00	0.00008



03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-15.00	0.00008	230.00	-17.00	0.00008
230.00	-20.00	0.00008	230.00	-25.00	0.00008
230.00	-30.00	0.00008	230.00	-40.00	0.00008
230.00	-50.00	0.00008	230.00	-60.00	0.00009
230.00	-70.00	0.00009	230.00	-80.00	0.00009
230.00	-90.00	0.00009	230.00	-100.00	0.00009
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	0.00008	240.00	20.00	0.00008
240.00	17.00	0.00008	240.00	15.00	0.00008
240.00	13.00	0.00008	240.00	11.00	0.00008
240.00	9.00	0.00008	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	0.00008	240.00	-25.00	0.00008
240.00	-30.00	0.00008	240.00	-40.00	0.00008
240.00	-50.00	0.00008	240.00	-60.00	0.00008
240.00	-70.00	0.00008	240.00	-80.00	0.00009
240.00	-90.00	0.00009	240.00	-100.00	0.00009
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	0.00008
250.00	40.00	0.00008	250.00	30.00	0.00008
250.00	25.00	0.00008	250.00	20.00	0.00008
250.00	17.00	0.00008	250.00	15.00	0.00008
250.00	13.00	0.00008	250.00	11.00	0.00008
250.00	9.00	0.00008	250.00	-9.00	0.00008
250.00	-11.00	0.00008	250.00	-13.00	0.00007
250.00	-15.00	0.00007	250.00	-17.00	0.00007

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

18:02:13  
 \*\*MODELOPTS:  
 PAGE 122

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	-20.00	0.00007	250.00	-25.00	0.00007
250.00	-30.00	0.00007	250.00	-40.00	0.00008
250.00	-50.00	0.00008	250.00	-60.00	0.00008

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound  
 250.00 -70.00 0.00008 250.00 -80.00 0.00008  
 250.00 -90.00 0.00008 250.00 -100.00 0.00008

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

18:02:13  
 \*\*MODELOPTs:  
 PAGE 123  
 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00184	-250.00	90.00	0.00191
-250.00	80.00	0.00198	-250.00	70.00	0.00203
-250.00	60.00	0.00204	-250.00	50.00	0.00200
-250.00	40.00	0.00185	-250.00	30.00	0.00157
-250.00	25.00	0.00139	-250.00	20.00	0.00123
-250.00	17.00	0.00114	-250.00	15.00	0.00109
-250.00	13.00	0.00105	-250.00	11.00	0.00100
-250.00	9.00	0.00097	-250.00	-9.00	0.00069
-250.00	-11.00	0.00068	-250.00	-13.00	0.00068
-250.00	-15.00	0.00067	-250.00	-17.00	0.00066
-250.00	-20.00	0.00065	-250.00	-25.00	0.00063
-250.00	-30.00	0.00061	-250.00	-40.00	0.00057
-250.00	-50.00	0.00054	-250.00	-60.00	0.00051
-250.00	-70.00	0.00048	-250.00	-80.00	0.00046
-250.00	-90.00	0.00043	-250.00	-100.00	0.00041
-240.00	100.00	0.00211	-240.00	90.00	0.00223
-240.00	80.00	0.00236	-240.00	70.00	0.00249
-240.00	60.00	0.00259	-240.00	50.00	0.00266
-240.00	40.00	0.00263	-240.00	30.00	0.00242
-240.00	25.00	0.00221	-240.00	20.00	0.00192
-240.00	17.00	0.00172	-240.00	15.00	0.00159
-240.00	13.00	0.00146	-240.00	11.00	0.00136
-240.00	9.00	0.00126	-240.00	-9.00	0.00082
-240.00	-11.00	0.00081	-240.00	-13.00	0.00080
-240.00	-15.00	0.00078	-240.00	-17.00	0.00077
-240.00	-20.00	0.00076	-240.00	-25.00	0.00074
-240.00	-30.00	0.00072	-240.00	-40.00	0.00068
-240.00	-50.00	0.00064	-240.00	-60.00	0.00060
-240.00	-70.00	0.00056	-240.00	-80.00	0.00053
-240.00	-90.00	0.00049	-240.00	-100.00	0.00046
-230.00	100.00	0.00238	-230.00	90.00	0.00256
-230.00	80.00	0.00275	-230.00	70.00	0.00296

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	60.00	0.00319	-230.00	50.00	0.00341
-230.00	40.00	0.00358	-230.00	30.00	0.00362
-230.00	25.00	0.00354	-230.00	20.00	0.00335
-230.00	17.00	0.00316	-230.00	15.00	0.00300
-230.00	13.00	0.00281	-230.00	11.00	0.00259
-230.00	9.00	0.00233	-230.00	-9.00	0.00101
-230.00	-11.00	0.00100	-230.00	-13.00	0.00098
-230.00	-15.00	0.00097	-230.00	-17.00	0.00096

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00095	-230.00	-25.00	0.00093
-230.00	-30.00	0.00090	-230.00	-40.00	0.00084
-230.00	-50.00	0.00078	-230.00	-60.00	0.00072
-230.00	-70.00	0.00066	-230.00	-80.00	0.00061
-230.00	-90.00	0.00057	-230.00	-100.00	0.00052
-220.00	100.00	0.00263	-220.00	90.00	0.00286
-220.00	80.00	0.00311	-220.00	70.00	0.00341
-220.00	60.00	0.00374	-220.00	50.00	0.00411
-220.00	40.00	0.00449	-220.00	30.00	0.00483
-220.00	25.00	0.00495	-220.00	20.00	0.00500
-220.00	17.00	0.00500	-220.00	15.00	0.00498
-220.00	13.00	0.00496	-220.00	11.00	0.00495
-220.00	9.00	0.00497	-220.00	-9.00	0.00176
-220.00	-11.00	0.00162	-220.00	-13.00	0.00152
-220.00	-15.00	0.00146	-220.00	-17.00	0.00140
-220.00	-20.00	0.00134	-220.00	-25.00	0.00126
-220.00	-30.00	0.00119	-220.00	-40.00	0.00107
-220.00	-50.00	0.00096	-220.00	-60.00	0.00087
-220.00	-70.00	0.00078	-220.00	-80.00	0.00071
-220.00	-90.00	0.00065	-220.00	-100.00	0.00059
-210.00	100.00	0.00286	-210.00	90.00	0.00312
-210.00	80.00	0.00343	-210.00	70.00	0.00379
-210.00	60.00	0.00420	-210.00	50.00	0.00468
-210.00	40.00	0.00519	-210.00	30.00	0.00570
-210.00	25.00	0.00592	-210.00	20.00	0.00611
-210.00	17.00	0.00619	-210.00	15.00	0.00623

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-210.00	13.00	0.00626	-210.00	11.00	0.00629
-210.00	9.00	0.00633	-210.00	-9.00	0.00287
-210.00	-11.00	0.00265	-210.00	-13.00	0.00247
-210.00	-15.00	0.00231	-210.00	-17.00	0.00217
-210.00	-20.00	0.00199	-210.00	-25.00	0.00178
-210.00	-30.00	0.00161	-210.00	-40.00	0.00137
-210.00	-50.00	0.00119	-210.00	-60.00	0.00105
-210.00	-70.00	0.00093	-210.00	-80.00	0.00083
-210.00	-90.00	0.00074	-210.00	-100.00	0.00067
-200.00	100.00	0.00306	-200.00	90.00	0.00335
-200.00	80.00	0.00370	-200.00	70.00	0.00410
-200.00	60.00	0.00458	-200.00	50.00	0.00512
-200.00	40.00	0.00572	-200.00	30.00	0.00635
-200.00	25.00	0.00664	-200.00	20.00	0.00689

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

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

18:02:13

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-200.00	17.00	0.00700	-200.00	15.00	0.00704
-200.00	13.00	0.00706	-200.00	11.00	0.00707
-200.00	9.00	0.00709	-200.00	-9.00	0.00359
-200.00	-11.00	0.00337	-200.00	-13.00	0.00320
-200.00	-15.00	0.00304	-200.00	-17.00	0.00290
-200.00	-20.00	0.00269	-200.00	-25.00	0.00239
-200.00	-30.00	0.00213	-200.00	-40.00	0.00174
-200.00	-50.00	0.00147	-200.00	-60.00	0.00126
-200.00	-70.00	0.00109	-200.00	-80.00	0.00096
-200.00	-90.00	0.00085	-200.00	-100.00	0.00076
-190.00	100.00	0.00323	-190.00	90.00	0.00355
-190.00	80.00	0.00393	-190.00	70.00	0.00437
-190.00	60.00	0.00489	-190.00	50.00	0.00548
-190.00	40.00	0.00616	-190.00	30.00	0.00686
-190.00	25.00	0.00718	-190.00	20.00	0.00743
-190.00	17.00	0.00753	-190.00	15.00	0.00757
-190.00	13.00	0.00758	-190.00	11.00	0.00759
-190.00	9.00	0.00760	-190.00	-9.00	0.00410
-190.00	-11.00	0.00390	-190.00	-13.00	0.00372
-190.00	-15.00	0.00356	-190.00	-17.00	0.00342

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-190.00	-20.00	0.00322	-190.00	-25.00	0.00292
-190.00	-30.00	0.00263	-190.00	-40.00	0.00214
-190.00	-50.00	0.00176	-190.00	-60.00	0.00149
-190.00	-70.00	0.00127	-190.00	-80.00	0.00111
-190.00	-90.00	0.00097	-190.00	-100.00	0.00086
-180.00	100.00	0.00338	-180.00	90.00	0.00372
-180.00	80.00	0.00412	-180.00	70.00	0.00459
-180.00	60.00	0.00515	-180.00	50.00	0.00579
-180.00	40.00	0.00651	-180.00	30.00	0.00725
-180.00	25.00	0.00757	-180.00	20.00	0.00782
-180.00	17.00	0.00791	-180.00	15.00	0.00795
-180.00	13.00	0.00796	-180.00	11.00	0.00797
-180.00	9.00	0.00798	-180.00	-9.00	0.00449
-180.00	-11.00	0.00429	-180.00	-13.00	0.00412
-180.00	-15.00	0.00397	-180.00	-17.00	0.00382
-180.00	-20.00	0.00363	-180.00	-25.00	0.00332
-180.00	-30.00	0.00304	-180.00	-40.00	0.00251
-180.00	-50.00	0.00207	-180.00	-60.00	0.00172
-180.00	-70.00	0.00146	-180.00	-80.00	0.00126
-180.00	-90.00	0.00109	-180.00	-100.00	0.00096

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

18:02:13  
 \*\*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	0.00352	-170.00	90.00	0.00388
-170.00	80.00	0.00430	-170.00	70.00	0.00479
-170.00	60.00	0.00537	-170.00	50.00	0.00605
-170.00	40.00	0.00680	-170.00	30.00	0.00754
-170.00	25.00	0.00787	-170.00	20.00	0.00811
-170.00	17.00	0.00820	-170.00	15.00	0.00824
-170.00	13.00	0.00826	-170.00	11.00	0.00827
-170.00	9.00	0.00828	-170.00	-9.00	0.00480
-170.00	-11.00	0.00460	-170.00	-13.00	0.00444
-170.00	-15.00	0.00429	-170.00	-17.00	0.00415
-170.00	-20.00	0.00394	-170.00	-25.00	0.00363
-170.00	-30.00	0.00335	-170.00	-40.00	0.00282
-170.00	-50.00	0.00235	-170.00	-60.00	0.00196
-170.00	-70.00	0.00165	-170.00	-80.00	0.00141

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-90.00	0.00122	-170.00	-100.00	0.00107
-160.00	100.00	0.00364	-160.00	90.00	0.00401
-160.00	80.00	0.00445	-160.00	70.00	0.00496
-160.00	60.00	0.00557	-160.00	50.00	0.00626
-160.00	40.00	0.00702	-160.00	30.00	0.00777
-160.00	25.00	0.00809	-160.00	20.00	0.00834
-160.00	17.00	0.00844	-160.00	15.00	0.00848
-160.00	13.00	0.00850	-160.00	11.00	0.00851
-160.00	9.00	0.00852	-160.00	-9.00	0.00504
-160.00	-11.00	0.00484	-160.00	-13.00	0.00468
-160.00	-15.00	0.00454	-160.00	-17.00	0.00440
-160.00	-20.00	0.00420	-160.00	-25.00	0.00389
-160.00	-30.00	0.00360	-160.00	-40.00	0.00306
-160.00	-50.00	0.00259	-160.00	-60.00	0.00218
-160.00	-70.00	0.00184	-160.00	-80.00	0.00156
-160.00	-90.00	0.00135	-160.00	-100.00	0.00118
-150.00	100.00	0.00375	-150.00	90.00	0.00413
-150.00	80.00	0.00458	-150.00	70.00	0.00511
-150.00	60.00	0.00573	-150.00	50.00	0.00644
-150.00	40.00	0.00720	-150.00	30.00	0.00795
-150.00	25.00	0.00828	-150.00	20.00	0.00853
-150.00	17.00	0.00863	-150.00	15.00	0.00867
-150.00	13.00	0.00870	-150.00	11.00	0.00871
-150.00	9.00	0.00872	-150.00	-9.00	0.00524
-150.00	-11.00	0.00504	-150.00	-13.00	0.00488
-150.00	-15.00	0.00474	-150.00	-17.00	0.00461

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

18:02:13  
 \*\*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	0.00441	-150.00	-25.00	0.00410
-150.00	-30.00	0.00380	-150.00	-40.00	0.00326
-150.00	-50.00	0.00278	-150.00	-60.00	0.00237
-150.00	-70.00	0.00201	-150.00	-80.00	0.00171
-150.00	-90.00	0.00148	-150.00	-100.00	0.00128
-140.00	100.00	0.00384	-140.00	90.00	0.00424
-140.00	80.00	0.00470	-140.00	70.00	0.00525
-140.00	60.00	0.00587	-140.00	50.00	0.00658

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-140.00	40.00	0.00734	-140.00	30.00	0.00810	
-140.00	25.00	0.00843	-140.00	20.00	0.00869	
-140.00	17.00	0.00879	-140.00	15.00	0.00883	
-140.00	13.00	0.00886	-140.00	11.00	0.00887	
-140.00	9.00	0.00889	-140.00	-9.00	0.00540	
-140.00	-11.00	0.00520	-140.00	-13.00	0.00504	
-140.00	-15.00	0.00490	-140.00	-17.00	0.00477	
-140.00	-20.00	0.00458	-140.00	-25.00	0.00427	
-140.00	-30.00	0.00397	-140.00	-40.00	0.00343	
-140.00	-50.00	0.00294	-140.00	-60.00	0.00252	
-140.00	-70.00	0.00216	-140.00	-80.00	0.00185	
-140.00	-90.00	0.00160	-140.00	-100.00	0.00139	
-130.00	100.00	0.00393	-130.00	90.00	0.00434	
-130.00	80.00	0.00481	-130.00	70.00	0.00536	
-130.00	60.00	0.00599	-130.00	50.00	0.00670	
-130.00	40.00	0.00747	-130.00	30.00	0.00822	
-130.00	25.00	0.00856	-130.00	20.00	0.00882	
-130.00	17.00	0.00892	-130.00	15.00	0.00896	
-130.00	13.00	0.00899	-130.00	11.00	0.00901	
-130.00	9.00	0.00903	-130.00	-9.00	0.00552	
-130.00	-11.00	0.00533	-130.00	-13.00	0.00517	
-130.00	-15.00	0.00504	-130.00	-17.00	0.00491	
-130.00	-20.00	0.00472	-130.00	-25.00	0.00441	
-130.00	-30.00	0.00412	-130.00	-40.00	0.00357	
-130.00	-50.00	0.00308	-130.00	-60.00	0.00266	
-130.00	-70.00	0.00229	-130.00	-80.00	0.00198	
-130.00	-90.00	0.00171	-130.00	-100.00	0.00149	
-120.00	100.00	0.00401	-120.00	90.00	0.00442	
-120.00	80.00	0.00490	-120.00	70.00	0.00545	
-120.00	60.00	0.00609	-120.00	50.00	0.00680	
-120.00	40.00	0.00757	-120.00	30.00	0.00832	
-120.00	25.00	0.00866	-120.00	20.00	0.00893	

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

18:02:13  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER IN MICROGRAMS/M**3      **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00903	-120.00	15.00	0.00908
-120.00	13.00	0.00910	-120.00	11.00	0.00912

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
-120.00	9.00	0.00913	-120.00	-9.00	0.00560
-120.00	-11.00	0.00543	-120.00	-13.00	0.00528
-120.00	-15.00	0.00515	-120.00	-17.00	0.00502
-120.00	-20.00	0.00484	-120.00	-25.00	0.00454
-120.00	-30.00	0.00424	-120.00	-40.00	0.00369
-120.00	-50.00	0.00319	-120.00	-60.00	0.00277
-120.00	-70.00	0.00240	-120.00	-80.00	0.00208
-120.00	-90.00	0.00181	-120.00	-100.00	0.00158
-110.00	100.00	0.00408	-110.00	90.00	0.00450
-110.00	80.00	0.00498	-110.00	70.00	0.00554
-110.00	60.00	0.00617	-110.00	50.00	0.00688
-110.00	40.00	0.00765	-110.00	30.00	0.00842
-110.00	25.00	0.00875	-110.00	20.00	0.00902
-110.00	17.00	0.00913	-110.00	15.00	0.00917
-110.00	13.00	0.00920	-110.00	11.00	0.00921
-110.00	9.00	0.00922	-110.00	-9.00	0.00569
-110.00	-11.00	0.00551	-110.00	-13.00	0.00537
-110.00	-15.00	0.00524	-110.00	-17.00	0.00511
-110.00	-20.00	0.00493	-110.00	-25.00	0.00464
-110.00	-30.00	0.00435	-110.00	-40.00	0.00379
-110.00	-50.00	0.00329	-110.00	-60.00	0.00286
-110.00	-70.00	0.00249	-110.00	-80.00	0.00218
-110.00	-90.00	0.00190	-110.00	-100.00	0.00167
-100.00	100.00	0.00415	-100.00	90.00	0.00456
-100.00	80.00	0.00505	-100.00	70.00	0.00561
-100.00	60.00	0.00624	-100.00	50.00	0.00695
-100.00	40.00	0.00773	-100.00	30.00	0.00850
-100.00	25.00	0.00883	-100.00	20.00	0.00910
-100.00	17.00	0.00921	-100.00	15.00	0.00925
-100.00	13.00	0.00928	-100.00	11.00	0.00929
-100.00	9.00	0.00930	-100.00	-9.00	0.00577
-100.00	-11.00	0.00559	-100.00	-13.00	0.00545
-100.00	-15.00	0.00532	-100.00	-17.00	0.00519
-100.00	-20.00	0.00501	-100.00	-25.00	0.00472
-100.00	-30.00	0.00443	-100.00	-40.00	0.00388
-100.00	-50.00	0.00338	-100.00	-60.00	0.00295
-100.00	-70.00	0.00257	-100.00	-80.00	0.00226
-100.00	-90.00	0.00198	-100.00	-100.00	0.00175

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

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\*\*MODELOPTs:  
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CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-90.00	100.00	0.00420	-90.00	90.00	0.00462	
-90.00	80.00	0.00511	-90.00	70.00	0.00566	
-90.00	60.00	0.00630	-90.00	50.00	0.00702	
-90.00	40.00	0.00779	-90.00	30.00	0.00856	
-90.00	25.00	0.00890	-90.00	20.00	0.00917	
-90.00	17.00	0.00927	-90.00	15.00	0.00932	
-90.00	13.00	0.00935	-90.00	11.00	0.00936	
-90.00	9.00	0.00937	-90.00	-9.00	0.00584	
-90.00	-11.00	0.00566	-90.00	-13.00	0.00551	
-90.00	-15.00	0.00538	-90.00	-17.00	0.00526	
-90.00	-20.00	0.00508	-90.00	-25.00	0.00479	
-90.00	-30.00	0.00451	-90.00	-40.00	0.00396	
-90.00	-50.00	0.00346	-90.00	-60.00	0.00302	
-90.00	-70.00	0.00265	-90.00	-80.00	0.00233	
-90.00	-90.00	0.00205	-90.00	-100.00	0.00181	
-80.00	100.00	0.00425	-80.00	90.00	0.00467	
-80.00	80.00	0.00516	-80.00	70.00	0.00572	
-80.00	60.00	0.00635	-80.00	50.00	0.00707	
-80.00	40.00	0.00785	-80.00	30.00	0.00862	
-80.00	25.00	0.00896	-80.00	20.00	0.00923	
-80.00	17.00	0.00934	-80.00	15.00	0.00938	
-80.00	13.00	0.00941	-80.00	11.00	0.00942	
-80.00	9.00	0.00943	-80.00	-9.00	0.00590	
-80.00	-11.00	0.00572	-80.00	-13.00	0.00558	
-80.00	-15.00	0.00544	-80.00	-17.00	0.00532	
-80.00	-20.00	0.00514	-80.00	-25.00	0.00485	
-80.00	-30.00	0.00457	-80.00	-40.00	0.00403	
-80.00	-50.00	0.00353	-80.00	-60.00	0.00309	
-80.00	-70.00	0.00271	-80.00	-80.00	0.00239	
-80.00	-90.00	0.00211	-80.00	-100.00	0.00187	
-70.00	100.00	0.00429	-70.00	90.00	0.00472	
-70.00	80.00	0.00520	-70.00	70.00	0.00576	
-70.00	60.00	0.00640	-70.00	50.00	0.00712	
-70.00	40.00	0.00790	-70.00	30.00	0.00868	
-70.00	25.00	0.00901	-70.00	20.00	0.00929	
-70.00	17.00	0.00940	-70.00	15.00	0.00944	
-70.00	13.00	0.00946	-70.00	11.00	0.00947	
-70.00	9.00	0.00948	-70.00	-9.00	0.00596	
-70.00	-11.00	0.00577	-70.00	-13.00	0.00563	
-70.00	-15.00	0.00550	-70.00	-17.00	0.00537	

18:02:13  
 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00519	-70.00	-25.00	0.00491
-70.00	-30.00	0.00463	-70.00	-40.00	0.00408
-70.00	-50.00	0.00359	-70.00	-60.00	0.00315
-70.00	-70.00	0.00277	-70.00	-80.00	0.00244
-70.00	-90.00	0.00216	-70.00	-100.00	0.00193
-60.00	100.00	0.00433	-60.00	90.00	0.00475
-60.00	80.00	0.00524	-60.00	70.00	0.00580
-60.00	60.00	0.00644	-60.00	50.00	0.00716
-60.00	40.00	0.00794	-60.00	30.00	0.00872
-60.00	25.00	0.00907	-60.00	20.00	0.00934
-60.00	17.00	0.00944	-60.00	15.00	0.00949
-60.00	13.00	0.00951	-60.00	11.00	0.00952
-60.00	9.00	0.00953	-60.00	-9.00	0.00602
-60.00	-11.00	0.00582	-60.00	-13.00	0.00567
-60.00	-15.00	0.00554	-60.00	-17.00	0.00542
-60.00	-20.00	0.00524	-60.00	-25.00	0.00495
-60.00	-30.00	0.00467	-60.00	-40.00	0.00414
-60.00	-50.00	0.00364	-60.00	-60.00	0.00320
-60.00	-70.00	0.00282	-60.00	-80.00	0.00249
-60.00	-90.00	0.00221	-60.00	-100.00	0.00197
-50.00	100.00	0.00436	-50.00	90.00	0.00479
-50.00	80.00	0.00528	-50.00	70.00	0.00584
-50.00	60.00	0.00648	-50.00	50.00	0.00720
-50.00	40.00	0.00798	-50.00	30.00	0.00876
-50.00	25.00	0.00911	-50.00	20.00	0.00938
-50.00	17.00	0.00948	-50.00	15.00	0.00953
-50.00	13.00	0.00955	-50.00	11.00	0.00957
-50.00	9.00	0.00958	-50.00	-9.00	0.00607
-50.00	-11.00	0.00587	-50.00	-13.00	0.00571
-50.00	-15.00	0.00558	-50.00	-17.00	0.00546
-50.00	-20.00	0.00528	-50.00	-25.00	0.00500
-50.00	-30.00	0.00472	-50.00	-40.00	0.00418
-50.00	-50.00	0.00368	-50.00	-60.00	0.00324
-50.00	-70.00	0.00286	-50.00	-80.00	0.00253

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-50.00	-90.00	0.00225	-50.00	-100.00	0.00201
-40.00	100.00	0.00439	-40.00	90.00	0.00482
-40.00	80.00	0.00530	-40.00	70.00	0.00587
-40.00	60.00	0.00651	-40.00	50.00	0.00723
-40.00	40.00	0.00802	-40.00	30.00	0.00879
-40.00	25.00	0.00914	-40.00	20.00	0.00941

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

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00952	-40.00	15.00	0.00956
-40.00	13.00	0.00959	-40.00	11.00	0.00960
-40.00	9.00	0.00962	-40.00	-9.00	0.00609
-40.00	-11.00	0.00591	-40.00	-13.00	0.00575
-40.00	-15.00	0.00562	-40.00	-17.00	0.00550
-40.00	-20.00	0.00532	-40.00	-25.00	0.00503
-40.00	-30.00	0.00475	-40.00	-40.00	0.00422
-40.00	-50.00	0.00373	-40.00	-60.00	0.00329
-40.00	-70.00	0.00290	-40.00	-80.00	0.00257
-40.00	-90.00	0.00229	-40.00	-100.00	0.00205
-30.00	100.00	0.00442	-30.00	90.00	0.00484
-30.00	80.00	0.00533	-30.00	70.00	0.00589
-30.00	60.00	0.00654	-30.00	50.00	0.00726
-30.00	40.00	0.00805	-30.00	30.00	0.00883
-30.00	25.00	0.00917	-30.00	20.00	0.00944
-30.00	17.00	0.00955	-30.00	15.00	0.00960
-30.00	13.00	0.00962	-30.00	11.00	0.00963
-30.00	9.00	0.00965	-30.00	-9.00	0.00609
-30.00	-11.00	0.00592	-30.00	-13.00	0.00578
-30.00	-15.00	0.00565	-30.00	-17.00	0.00553
-30.00	-20.00	0.00535	-30.00	-25.00	0.00507
-30.00	-30.00	0.00479	-30.00	-40.00	0.00425
-30.00	-50.00	0.00376	-30.00	-60.00	0.00332
-30.00	-70.00	0.00294	-30.00	-80.00	0.00261
-30.00	-90.00	0.00233	-30.00	-100.00	0.00208
-20.00	100.00	0.00444	-20.00	90.00	0.00486
-20.00	80.00	0.00535	-20.00	70.00	0.00592
-20.00	60.00	0.00656	-20.00	50.00	0.00729

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
-20.00	40.00	0.00807	-20.00	30.00	0.00886	
-20.00	25.00	0.00920	-20.00	20.00	0.00947	
-20.00	17.00	0.00958	-20.00	15.00	0.00963	
-20.00	13.00	0.00965	-20.00	11.00	0.00965	
-20.00	9.00	0.00967	-20.00	-9.00	0.00612	
-20.00	-11.00	0.00595	-20.00	-13.00	0.00580	
-20.00	-15.00	0.00568	-20.00	-17.00	0.00556	
-20.00	-20.00	0.00538	-20.00	-25.00	0.00510	
-20.00	-30.00	0.00482	-20.00	-40.00	0.00429	
-20.00	-50.00	0.00379	-20.00	-60.00	0.00335	
-20.00	-70.00	0.00297	-20.00	-80.00	0.00264	
-20.00	-90.00	0.00236	-20.00	-100.00	0.00211	

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS ) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00445	-10.00	90.00	0.00488
-10.00	80.00	0.00537	-10.00	70.00	0.00594
-10.00	60.00	0.00658	-10.00	50.00	0.00731
-10.00	40.00	0.00810	-10.00	30.00	0.00888
-10.00	25.00	0.00922	-10.00	20.00	0.00949
-10.00	17.00	0.00960	-10.00	15.00	0.00965
-10.00	13.00	0.00967	-10.00	11.00	0.00968
-10.00	9.00	0.00969	-10.00	-9.00	0.00614
-10.00	-11.00	0.00597	-10.00	-13.00	0.00583
-10.00	-15.00	0.00570	-10.00	-17.00	0.00558
-10.00	-20.00	0.00540	-10.00	-25.00	0.00512
-10.00	-30.00	0.00485	-10.00	-40.00	0.00431
-10.00	-50.00	0.00382	-10.00	-60.00	0.00338
-10.00	-70.00	0.00300	-10.00	-80.00	0.00267
-10.00	-90.00	0.00239	-10.00	-100.00	0.00214
0.00	100.00	0.00447	0.00	90.00	0.00489
0.00	80.00	0.00539	0.00	70.00	0.00595
0.00	60.00	0.00660	0.00	50.00	0.00733
0.00	40.00	0.00812	0.00	30.00	0.00890
0.00	25.00	0.00925	0.00	20.00	0.00951
0.00	17.00	0.00962	0.00	15.00	0.00966
0.00	13.00	0.00969	0.00	11.00	0.00970

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
0.00	9.00	0.00971	0.00	-9.00	0.00617
0.00	-11.00	0.00599	0.00	-13.00	0.00585
0.00	-15.00	0.00572	0.00	-17.00	0.00560
0.00	-20.00	0.00543	0.00	-25.00	0.00514
0.00	-30.00	0.00487	0.00	-40.00	0.00434
0.00	-50.00	0.00385	0.00	-60.00	0.00341
0.00	-70.00	0.00303	0.00	-80.00	0.00270
0.00	-90.00	0.00241	0.00	-100.00	0.00217
10.00	100.00	0.00448	10.00	90.00	0.00491
10.00	80.00	0.00540	10.00	70.00	0.00597
10.00	60.00	0.00661	10.00	50.00	0.00734
10.00	40.00	0.00813	10.00	30.00	0.00892
10.00	25.00	0.00926	10.00	20.00	0.00953
10.00	17.00	0.00964	10.00	15.00	0.00968
10.00	13.00	0.00971	10.00	11.00	0.00972
10.00	9.00	0.00973	10.00	-9.00	0.00620
10.00	-11.00	0.00601	10.00	-13.00	0.00587
10.00	-15.00	0.00574	10.00	-17.00	0.00562

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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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
10.00	-20.00	0.00544	10.00	-25.00	0.00516
10.00	-30.00	0.00489	10.00	-40.00	0.00436
10.00	-50.00	0.00387	10.00	-60.00	0.00343
10.00	-70.00	0.00305	10.00	-80.00	0.00272
10.00	-90.00	0.00243	10.00	-100.00	0.00219
20.00	100.00	0.00448	20.00	90.00	0.00491
20.00	80.00	0.00541	20.00	70.00	0.00598
20.00	60.00	0.00663	20.00	50.00	0.00736
20.00	40.00	0.00815	20.00	30.00	0.00893
20.00	25.00	0.00928	20.00	20.00	0.00955
20.00	17.00	0.00966	20.00	15.00	0.00970
20.00	13.00	0.00972	20.00	11.00	0.00973
20.00	9.00	0.00974	20.00	-9.00	0.00622
20.00	-11.00	0.00603	20.00	-13.00	0.00589
20.00	-15.00	0.00576	20.00	-17.00	0.00564
20.00	-20.00	0.00546	20.00	-25.00	0.00518

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
20.00	-30.00	0.00491	20.00	-40.00	0.00438
20.00	-50.00	0.00389	20.00	-60.00	0.00345
20.00	-70.00	0.00307	20.00	-80.00	0.00274
20.00	-90.00	0.00245	20.00	-100.00	0.00221
30.00	100.00	0.00449	30.00	90.00	0.00492
30.00	80.00	0.00542	30.00	70.00	0.00599
30.00	60.00	0.00664	30.00	50.00	0.00737
30.00	40.00	0.00816	30.00	30.00	0.00894
30.00	25.00	0.00929	30.00	20.00	0.00957
30.00	17.00	0.00967	30.00	15.00	0.00972
30.00	13.00	0.00974	30.00	11.00	0.00975
30.00	9.00	0.00975	30.00	-9.00	0.00624
30.00	-11.00	0.00605	30.00	-13.00	0.00590
30.00	-15.00	0.00577	30.00	-17.00	0.00565
30.00	-20.00	0.00547	30.00	-25.00	0.00519
30.00	-30.00	0.00492	30.00	-40.00	0.00439
30.00	-50.00	0.00391	30.00	-60.00	0.00347
30.00	-70.00	0.00309	30.00	-80.00	0.00276
30.00	-90.00	0.00247	30.00	-100.00	0.00223
40.00	100.00	0.00449	40.00	90.00	0.00492
40.00	80.00	0.00542	40.00	70.00	0.00599
40.00	60.00	0.00664	40.00	50.00	0.00737
40.00	40.00	0.00816	40.00	30.00	0.00895
40.00	25.00	0.00930	40.00	20.00	0.00957

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:  
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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
40.00	17.00	0.00968	40.00	15.00	0.00972
40.00	13.00	0.00975	40.00	11.00	0.00977
40.00	9.00	0.00978	40.00	-9.00	0.00626
40.00	-11.00	0.00607	40.00	-13.00	0.00591
40.00	-15.00	0.00578	40.00	-17.00	0.00566
40.00	-20.00	0.00549	40.00	-25.00	0.00521
40.00	-30.00	0.00493	40.00	-40.00	0.00441
40.00	-50.00	0.00392	40.00	-60.00	0.00348
40.00	-70.00	0.00310	40.00	-80.00	0.00277
40.00	-90.00	0.00249	40.00	-100.00	0.00224

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

50.00	100.00	0.00449	50.00	90.00	0.00492
50.00	80.00	0.00542	50.00	70.00	0.00599
50.00	60.00	0.00665	50.00	50.00	0.00738
50.00	40.00	0.00817	50.00	30.00	0.00896
50.00	25.00	0.00931	50.00	20.00	0.00958
50.00	17.00	0.00969	50.00	15.00	0.00973
50.00	13.00	0.00976	50.00	11.00	0.00977
50.00	9.00	0.00979	50.00	-9.00	0.00626
50.00	-11.00	0.00608	50.00	-13.00	0.00592
50.00	-15.00	0.00579	50.00	-17.00	0.00567
50.00	-20.00	0.00550	50.00	-25.00	0.00522
50.00	-30.00	0.00494	50.00	-40.00	0.00442
50.00	-50.00	0.00393	50.00	-60.00	0.00350
50.00	-70.00	0.00311	50.00	-80.00	0.00278
50.00	-90.00	0.00250	50.00	-100.00	0.00226
60.00	100.00	0.00448	60.00	90.00	0.00492
60.00	80.00	0.00542	60.00	70.00	0.00599
60.00	60.00	0.00665	60.00	50.00	0.00738
60.00	40.00	0.00818	60.00	30.00	0.00896
60.00	25.00	0.00931	60.00	20.00	0.00958
60.00	17.00	0.00969	60.00	15.00	0.00974
60.00	13.00	0.00976	60.00	11.00	0.00977
60.00	9.00	0.00979	60.00	-9.00	0.00624
60.00	-11.00	0.00607	60.00	-13.00	0.00593
60.00	-15.00	0.00580	60.00	-17.00	0.00568
60.00	-20.00	0.00551	60.00	-25.00	0.00523
60.00	-30.00	0.00495	60.00	-40.00	0.00442
60.00	-50.00	0.00394	60.00	-60.00	0.00350
60.00	-70.00	0.00312	60.00	-80.00	0.00280
60.00	-90.00	0.00251	60.00	-100.00	0.00227

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00448	70.00	90.00	0.00491
70.00	80.00	0.00541	70.00	70.00	0.00599
70.00	60.00	0.00664	70.00	50.00	0.00738
70.00	40.00	0.00818	70.00	30.00	0.00896

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
70.00	25.00	0.00931	70.00	20.00	0.00958
70.00	17.00	0.00969	70.00	15.00	0.00974
70.00	13.00	0.00976	70.00	11.00	0.00977
70.00	9.00	0.00979	70.00	-9.00	0.00624
70.00	-11.00	0.00607	70.00	-13.00	0.00593
70.00	-15.00	0.00580	70.00	-17.00	0.00568
70.00	-20.00	0.00551	70.00	-25.00	0.00523
70.00	-30.00	0.00496	70.00	-40.00	0.00443
70.00	-50.00	0.00394	70.00	-60.00	0.00351
70.00	-70.00	0.00313	70.00	-80.00	0.00280
70.00	-90.00	0.00252	70.00	-100.00	0.00228
80.00	100.00	0.00446	80.00	90.00	0.00490
80.00	80.00	0.00540	80.00	70.00	0.00598
80.00	60.00	0.00664	80.00	50.00	0.00737
80.00	40.00	0.00817	80.00	30.00	0.00896
80.00	25.00	0.00931	80.00	20.00	0.00958
80.00	17.00	0.00969	80.00	15.00	0.00973
80.00	13.00	0.00976	80.00	11.00	0.00977
80.00	9.00	0.00978	80.00	-9.00	0.00625
80.00	-11.00	0.00607	80.00	-13.00	0.00593
80.00	-15.00	0.00580	80.00	-17.00	0.00569
80.00	-20.00	0.00551	80.00	-25.00	0.00523
80.00	-30.00	0.00496	80.00	-40.00	0.00444
80.00	-50.00	0.00395	80.00	-60.00	0.00351
80.00	-70.00	0.00314	80.00	-80.00	0.00281
80.00	-90.00	0.00253	80.00	-100.00	0.00229
90.00	100.00	0.00444	90.00	90.00	0.00488
90.00	80.00	0.00538	90.00	70.00	0.00596
90.00	60.00	0.00662	90.00	50.00	0.00737
90.00	40.00	0.00816	90.00	30.00	0.00895
90.00	25.00	0.00930	90.00	20.00	0.00957
90.00	17.00	0.00968	90.00	15.00	0.00973
90.00	13.00	0.00975	90.00	11.00	0.00976
90.00	9.00	0.00978	90.00	-9.00	0.00625
90.00	-11.00	0.00607	90.00	-13.00	0.00593
90.00	-15.00	0.00580	90.00	-17.00	0.00568

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

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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



03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00551	90.00	-25.00	0.00523
90.00	-30.00	0.00496	90.00	-40.00	0.00444
90.00	-50.00	0.00395	90.00	-60.00	0.00352
90.00	-70.00	0.00314	90.00	-80.00	0.00282
90.00	-90.00	0.00254	90.00	-100.00	0.00229
100.00	100.00	0.00442	100.00	90.00	0.00486
100.00	80.00	0.00536	100.00	70.00	0.00594
100.00	60.00	0.00660	100.00	50.00	0.00735
100.00	40.00	0.00815	100.00	30.00	0.00894
100.00	25.00	0.00929	100.00	20.00	0.00956
100.00	17.00	0.00967	100.00	15.00	0.00972
100.00	13.00	0.00975	100.00	11.00	0.00975
100.00	9.00	0.00977	100.00	-9.00	0.00625
100.00	-11.00	0.00607	100.00	-13.00	0.00593
100.00	-15.00	0.00580	100.00	-17.00	0.00568
100.00	-20.00	0.00551	100.00	-25.00	0.00523
100.00	-30.00	0.00496	100.00	-40.00	0.00443
100.00	-50.00	0.00395	100.00	-60.00	0.00352
100.00	-70.00	0.00314	100.00	-80.00	0.00282
100.00	-90.00	0.00254	100.00	-100.00	0.00230
110.00	100.00	0.00438	110.00	90.00	0.00483
110.00	80.00	0.00533	110.00	70.00	0.00592
110.00	60.00	0.00658	110.00	50.00	0.00733
110.00	40.00	0.00813	110.00	30.00	0.00893
110.00	25.00	0.00927	110.00	20.00	0.00955
110.00	17.00	0.00966	110.00	15.00	0.00971
110.00	13.00	0.00973	110.00	11.00	0.00974
110.00	9.00	0.00975	110.00	-9.00	0.00625
110.00	-11.00	0.00607	110.00	-13.00	0.00592
110.00	-15.00	0.00580	110.00	-17.00	0.00568
110.00	-20.00	0.00550	110.00	-25.00	0.00522
110.00	-30.00	0.00495	110.00	-40.00	0.00443
110.00	-50.00	0.00394	110.00	-60.00	0.00351
110.00	-70.00	0.00314	110.00	-80.00	0.00282
110.00	-90.00	0.00254	110.00	-100.00	0.00230
120.00	100.00	0.00433	120.00	90.00	0.00478
120.00	80.00	0.00530	120.00	70.00	0.00588
120.00	60.00	0.00655	120.00	50.00	0.00730
120.00	40.00	0.00811	120.00	30.00	0.00890
120.00	25.00	0.00926	120.00	20.00	0.00953

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

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\*\*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	0.00964	120.00	15.00	0.00969
120.00	13.00	0.00971	120.00	11.00	0.00972
120.00	9.00	0.00973	120.00	-9.00	0.00625
120.00	-11.00	0.00606	120.00	-13.00	0.00591
120.00	-15.00	0.00579	120.00	-17.00	0.00567
120.00	-20.00	0.00550	120.00	-25.00	0.00521
120.00	-30.00	0.00494	120.00	-40.00	0.00442
120.00	-50.00	0.00394	120.00	-60.00	0.00351
120.00	-70.00	0.00314	120.00	-80.00	0.00282
120.00	-90.00	0.00254	120.00	-100.00	0.00230
130.00	100.00	0.00426	130.00	90.00	0.00472
130.00	80.00	0.00524	130.00	70.00	0.00583
130.00	60.00	0.00651	130.00	50.00	0.00726
130.00	40.00	0.00807	130.00	30.00	0.00887
130.00	25.00	0.00923	130.00	20.00	0.00951
130.00	17.00	0.00961	130.00	15.00	0.00966
130.00	13.00	0.00969	130.00	11.00	0.00971
130.00	9.00	0.00972	130.00	-9.00	0.00625
130.00	-11.00	0.00606	130.00	-13.00	0.00590
130.00	-15.00	0.00577	130.00	-17.00	0.00566
130.00	-20.00	0.00548	130.00	-25.00	0.00520
130.00	-30.00	0.00493	130.00	-40.00	0.00440
130.00	-50.00	0.00392	130.00	-60.00	0.00350
130.00	-70.00	0.00313	130.00	-80.00	0.00282
130.00	-90.00	0.00254	130.00	-100.00	0.00230
140.00	100.00	0.00417	140.00	90.00	0.00463
140.00	80.00	0.00517	140.00	70.00	0.00577
140.00	60.00	0.00645	140.00	50.00	0.00721
140.00	40.00	0.00802	140.00	30.00	0.00883
140.00	25.00	0.00919	140.00	20.00	0.00947
140.00	17.00	0.00958	140.00	15.00	0.00963
140.00	13.00	0.00966	140.00	11.00	0.00968
140.00	9.00	0.00970	140.00	-9.00	0.00622
140.00	-11.00	0.00604	140.00	-13.00	0.00589
140.00	-15.00	0.00576	140.00	-17.00	0.00564
140.00	-20.00	0.00547	140.00	-25.00	0.00518

		03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound			
140.00	-30.00	0.00491	140.00	-40.00	0.00439
140.00	-50.00	0.00391	140.00	-60.00	0.00349
140.00	-70.00	0.00312	140.00	-80.00	0.00281
140.00	-90.00	0.00254	140.00	-100.00	0.00230

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00405	150.00	90.00	0.00452
150.00	80.00	0.00506	150.00	70.00	0.00568
150.00	60.00	0.00637	150.00	50.00	0.00714
150.00	40.00	0.00796	150.00	30.00	0.00878
150.00	25.00	0.00914	150.00	20.00	0.00942
150.00	17.00	0.00954	150.00	15.00	0.00959
150.00	13.00	0.00961	150.00	11.00	0.00963
150.00	9.00	0.00965	150.00	-9.00	0.00616
150.00	-11.00	0.00600	150.00	-13.00	0.00586
150.00	-15.00	0.00574	150.00	-17.00	0.00562
150.00	-20.00	0.00544	150.00	-25.00	0.00516
150.00	-30.00	0.00488	150.00	-40.00	0.00436
150.00	-50.00	0.00389	150.00	-60.00	0.00348
150.00	-70.00	0.00311	150.00	-80.00	0.00280
150.00	-90.00	0.00253	150.00	-100.00	0.00229
160.00	100.00	0.00391	160.00	90.00	0.00437
160.00	80.00	0.00491	160.00	70.00	0.00554
160.00	60.00	0.00625	160.00	50.00	0.00704
160.00	40.00	0.00788	160.00	30.00	0.00871
160.00	25.00	0.00907	160.00	20.00	0.00936
160.00	17.00	0.00948	160.00	15.00	0.00953
160.00	13.00	0.00956	160.00	11.00	0.00957
160.00	9.00	0.00960	160.00	-9.00	0.00613
160.00	-11.00	0.00596	160.00	-13.00	0.00582
160.00	-15.00	0.00570	160.00	-17.00	0.00558
160.00	-20.00	0.00541	160.00	-25.00	0.00513
160.00	-30.00	0.00486	160.00	-40.00	0.00434
160.00	-50.00	0.00387	160.00	-60.00	0.00346
160.00	-70.00	0.00310	160.00	-80.00	0.00278
160.00	-90.00	0.00251	160.00	-100.00	0.00228

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
170.00	100.00	0.00373	170.00	90.00	0.00418	
170.00	80.00	0.00471	170.00	70.00	0.00534	
170.00	60.00	0.00607	170.00	50.00	0.00689	
170.00	40.00	0.00776	170.00	30.00	0.00861	
170.00	25.00	0.00898	170.00	20.00	0.00928	
170.00	17.00	0.00940	170.00	15.00	0.00946	
170.00	13.00	0.00949	170.00	11.00	0.00951	
170.00	9.00	0.00953	170.00	-9.00	0.00609	
170.00	-11.00	0.00592	170.00	-13.00	0.00578	
170.00	-15.00	0.00566	170.00	-17.00	0.00554	

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

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\*\*MODELOPTs:  
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CONC                                      URBAN FLAT    FLGPOL    DFAULT

\*\*\*                                      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):                      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
170.00	-20.00	0.00536	170.00	-25.00	0.00508
170.00	-30.00	0.00482	170.00	-40.00	0.00431
170.00	-50.00	0.00385	170.00	-60.00	0.00343
170.00	-70.00	0.00307	170.00	-80.00	0.00277
170.00	-90.00	0.00250	170.00	-100.00	0.00227
180.00	100.00	0.00353	180.00	90.00	0.00396
180.00	80.00	0.00447	180.00	70.00	0.00508
180.00	60.00	0.00581	180.00	50.00	0.00665
180.00	40.00	0.00758	180.00	30.00	0.00847
180.00	25.00	0.00885	180.00	20.00	0.00917
180.00	17.00	0.00929	180.00	15.00	0.00935
180.00	13.00	0.00939	180.00	11.00	0.00942
180.00	9.00	0.00944	180.00	-9.00	0.00604
180.00	-11.00	0.00587	180.00	-13.00	0.00573
180.00	-15.00	0.00560	180.00	-17.00	0.00548
180.00	-20.00	0.00531	180.00	-25.00	0.00503
180.00	-30.00	0.00477	180.00	-40.00	0.00427
180.00	-50.00	0.00381	180.00	-60.00	0.00340
180.00	-70.00	0.00305	180.00	-80.00	0.00274
180.00	-90.00	0.00248	180.00	-100.00	0.00225
190.00	100.00	0.00330	190.00	90.00	0.00370
190.00	80.00	0.00417	190.00	70.00	0.00475
190.00	60.00	0.00545	190.00	50.00	0.00628
190.00	40.00	0.00724	190.00	30.00	0.00823

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound						
190.00	25.00	0.00866	190.00	20.00	0.00900	
190.00	17.00	0.00915	190.00	15.00	0.00922	
190.00	13.00	0.00926	190.00	11.00	0.00929	
190.00	9.00	0.00932	190.00	-9.00	0.00597	
190.00	-11.00	0.00580	190.00	-13.00	0.00565	
190.00	-15.00	0.00553	190.00	-17.00	0.00541	
190.00	-20.00	0.00524	190.00	-25.00	0.00497	
190.00	-30.00	0.00471	190.00	-40.00	0.00422	
190.00	-50.00	0.00376	190.00	-60.00	0.00336	
190.00	-70.00	0.00301	190.00	-80.00	0.00271	
190.00	-90.00	0.00244	190.00	-100.00	0.00222	
200.00	100.00	0.00305	200.00	90.00	0.00341	
200.00	80.00	0.00383	200.00	70.00	0.00435	
200.00	60.00	0.00499	200.00	50.00	0.00576	
200.00	40.00	0.00670	200.00	30.00	0.00776	
200.00	25.00	0.00828	200.00	20.00	0.00871	

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
200.00	17.00	0.00890	200.00	15.00	0.00900
200.00	13.00	0.00906	200.00	11.00	0.00911
200.00	9.00	0.00915	200.00	-9.00	0.00589
200.00	-11.00	0.00570	200.00	-13.00	0.00556
200.00	-15.00	0.00544	200.00	-17.00	0.00532
200.00	-20.00	0.00516	200.00	-25.00	0.00490
200.00	-30.00	0.00464	200.00	-40.00	0.00415
200.00	-50.00	0.00370	200.00	-60.00	0.00330
200.00	-70.00	0.00296	200.00	-80.00	0.00266
200.00	-90.00	0.00240	200.00	-100.00	0.00218
210.00	100.00	0.00279	210.00	90.00	0.00309
210.00	80.00	0.00346	210.00	70.00	0.00390
210.00	60.00	0.00444	210.00	50.00	0.00511
210.00	40.00	0.00593	210.00	30.00	0.00692
210.00	25.00	0.00747	210.00	20.00	0.00803
210.00	17.00	0.00833	210.00	15.00	0.00851
210.00	13.00	0.00865	210.00	11.00	0.00877
210.00	9.00	0.00886	210.00	-9.00	0.00577

03NCRA_SR03-300_DPM_TRAV_ANN_E-W Bound					
210.00	-11.00	0.00559	210.00	-13.00	0.00545
210.00	-15.00	0.00533	210.00	-17.00	0.00522
210.00	-20.00	0.00506	210.00	-25.00	0.00479
210.00	-30.00	0.00454	210.00	-40.00	0.00405
210.00	-50.00	0.00361	210.00	-60.00	0.00322
210.00	-70.00	0.00288	210.00	-80.00	0.00259
210.00	-90.00	0.00235	210.00	-100.00	0.00213
220.00	100.00	0.00252	220.00	90.00	0.00277
220.00	80.00	0.00307	220.00	70.00	0.00343
220.00	60.00	0.00386	220.00	50.00	0.00437
220.00	40.00	0.00498	220.00	30.00	0.00572
220.00	25.00	0.00615	220.00	20.00	0.00661
220.00	17.00	0.00689	220.00	15.00	0.00709
220.00	13.00	0.00731	220.00	11.00	0.00754
220.00	9.00	0.00781	220.00	-9.00	0.00560
220.00	-11.00	0.00541	220.00	-13.00	0.00527
220.00	-15.00	0.00515	220.00	-17.00	0.00504
220.00	-20.00	0.00487	220.00	-25.00	0.00461
220.00	-30.00	0.00436	220.00	-40.00	0.00390
220.00	-50.00	0.00348	220.00	-60.00	0.00311
220.00	-70.00	0.00279	220.00	-80.00	0.00252
220.00	-90.00	0.00228	220.00	-100.00	0.00208

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

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 \*\*MODELOPTS:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
230.00	100.00	0.00227	230.00	90.00	0.00248
230.00	80.00	0.00272	230.00	70.00	0.00299
230.00	60.00	0.00331	230.00	50.00	0.00367
230.00	40.00	0.00408	230.00	30.00	0.00452
230.00	25.00	0.00475	230.00	20.00	0.00496
230.00	17.00	0.00506	230.00	15.00	0.00512
230.00	13.00	0.00516	230.00	11.00	0.00519
230.00	9.00	0.00518	230.00	-9.00	0.00484
230.00	-11.00	0.00480	230.00	-13.00	0.00474
230.00	-15.00	0.00467	230.00	-17.00	0.00460
230.00	-20.00	0.00449	230.00	-25.00	0.00429
230.00	-30.00	0.00408	230.00	-40.00	0.00368

03NCRA\_SR03-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-50.00	0.00330	230.00	-60.00	0.00297
230.00	-70.00	0.00268	230.00	-80.00	0.00242
230.00	-90.00	0.00220	230.00	-100.00	0.00201
240.00	100.00	0.00205	240.00	90.00	0.00222
240.00	80.00	0.00240	240.00	70.00	0.00261
240.00	60.00	0.00285	240.00	50.00	0.00311
240.00	40.00	0.00339	240.00	30.00	0.00366
240.00	25.00	0.00377	240.00	20.00	0.00385
240.00	17.00	0.00388	240.00	15.00	0.00388
240.00	13.00	0.00387	240.00	11.00	0.00385
240.00	9.00	0.00382	240.00	-9.00	0.00371
240.00	-11.00	0.00376	240.00	-13.00	0.00380
240.00	-15.00	0.00383	240.00	-17.00	0.00385
240.00	-20.00	0.00384	240.00	-25.00	0.00378
240.00	-30.00	0.00366	240.00	-40.00	0.00338
240.00	-50.00	0.00308	240.00	-60.00	0.00279
240.00	-70.00	0.00254	240.00	-80.00	0.00231
240.00	-90.00	0.00212	240.00	-100.00	0.00194
250.00	100.00	0.00186	250.00	90.00	0.00199
250.00	80.00	0.00214	250.00	70.00	0.00230
250.00	60.00	0.00248	250.00	50.00	0.00267
250.00	40.00	0.00286	250.00	30.00	0.00301
250.00	25.00	0.00306	250.00	20.00	0.00308
250.00	17.00	0.00308	250.00	15.00	0.00308
250.00	13.00	0.00307	250.00	11.00	0.00307
250.00	9.00	0.00306	250.00	-9.00	0.00300
250.00	-11.00	0.00303	250.00	-13.00	0.00307
250.00	-15.00	0.00310	250.00	-17.00	0.00312

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT    FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00315	250.00	-25.00	0.00317
250.00	-30.00	0.00315	250.00	-40.00	0.00302
250.00	-50.00	0.00281	250.00	-60.00	0.00259
250.00	-70.00	0.00238	250.00	-80.00	0.00219
250.00	-90.00	0.00201	250.00	-100.00	0.00186

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

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* 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 0.00758 AT ( 200.00, 9.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00753 AT ( 200.00, 11.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00751 AT ( 190.00, 9.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00748 AT ( 210.00, 9.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00748 AT ( 190.00, 11.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00748 AT ( 200.00, 13.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00745 AT ( 190.00, 13.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00741 AT ( 200.00, 15.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00740 AT ( 190.00, 15.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00737 AT ( 210.00, 11.00, 0.00, 1.20)	DC	NA	
NCRA_S2	1ST HIGHEST VALUE IS 0.00758 AT ( 110.00, 9.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00753 AT ( 110.00, 11.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00751 AT ( 100.00, 9.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00748 AT ( 120.00, 9.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00748 AT ( 100.00, 11.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00748 AT ( 110.00, 13.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00745 AT ( 100.00, 13.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00741 AT ( 110.00, 15.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00740 AT ( 100.00, 15.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00737 AT ( 120.00, 11.00, 0.00, 1.20)	DC	NA	
NCRA_S3	1ST HIGHEST VALUE IS 0.00758 AT ( 20.00, 9.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00753 AT ( 20.00, 11.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00751 AT ( 10.00, 9.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00748 AT ( 30.00, 9.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00748 AT ( 10.00, 11.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00748 AT ( 20.00, 13.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00745 AT ( 10.00, 13.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00741 AT ( 20.00, 15.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00740 AT ( 10.00, 15.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00737 AT ( 30.00, 11.00, 0.00, 1.20)	DC	NA	

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

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

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 \*\*MODELOPTs:  
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URBAN FLAT FLGPOL DFAULT

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

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

\*\*

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00758 AT ( -70.00, 9.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00753 AT ( -70.00, 11.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00751 AT ( -80.00, 9.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00748 AT ( -60.00, 9.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00748 AT ( -80.00, 11.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00748 AT ( -70.00, 13.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00745 AT ( -80.00, 13.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00741 AT ( -70.00, 15.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00740 AT ( -80.00, 15.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00737 AT ( -60.00, 11.00, 0.00, 1.20)	DC	NA	
NCRA_S5	1ST HIGHEST VALUE IS 0.00758 AT ( -160.00, 9.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00753 AT ( -160.00, 11.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00751 AT ( -170.00, 9.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00748 AT ( -150.00, 9.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00748 AT ( -170.00, 11.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00748 AT ( -160.00, 13.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00745 AT ( -170.00, 13.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00741 AT ( -160.00, 15.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00740 AT ( -170.00, 15.00, 0.00, 1.20)	DC	NA	



		03NCRA SR03-300_DPM_TRAV_ANN_E-W Bound							
	10TH HIGHEST VALUE IS	0.00737	AT (	-150.00,	11.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00979	AT (	60.00,	9.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00979	AT (	50.00,	9.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00979	AT (	70.00,	9.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00978	AT (	80.00,	9.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00978	AT (	40.00,	9.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00978	AT (	90.00,	9.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00977	AT (	60.00,	11.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00977	AT (	50.00,	11.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00977	AT (	80.00,	11.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00977	AT (	70.00,	11.00,	0.00,	1.20)	DC	NA

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

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

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\*\*MODELOPTs:  
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\*\*\* 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 13 Informational Message(s)  
 A Total of 13 Calm Hours Identified

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

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

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*