

ISCST3x VERSION 4.4.3  
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Run Began on 4/18/2008 at 17:49:44

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA\_SR01-300\_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	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
RE DISCCART	240.0	100.0	1.2
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RE DISCCART	240.0	30.0	1.2
RE DISCCART	240.0	25.0	1.2
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RE DISCCART	240.0	17.0	1.2
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RE DISCCART	240.0	11.0	1.2
RE DISCCART	240.0	9.0	1.2
RE DISCCART	240.0	-9.0	1.2
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ME INPUTFIL "C:\NCRA\Modeling\Met Data\Santa Rosa\ros01300.ASC"  
ME ANEMHGT 10 METERS  
ME SURFDATA 9902 2001  
ME UAIRDATA 9902 2001  
ME STARTEND 2001 01 01 1 2001 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\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound.LST"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\NCRA\_SR01-300\_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 \*\*\*  
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 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\01NCRA-1.DAT

\*\*Output Print File:

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* AREA SOURCE DATA \*\*\*

EMISSION RATE SOURCE SCALAR VARY ID BY	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	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

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

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

ALL                    NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* 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);

01NCRA\_SR01-300\_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);
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( -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);
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( -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 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/18/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:49:44

\*\*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);



01NCRA\_SR01-300\_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 \*\*\*

17:49:44

\*\*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);

01NCRA\_SR01-300\_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 \*\*\*

17:49:44  
 \*\*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);

01NCRA\_SR01-300\_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

\*\*\*

17:49:44

\*\*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);

01NCRA\_SR01-300\_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      \*\*\*

17:49:44  
 \*\*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);

01NCRA\_SR01-300\_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 \*\*\*

17:49:44  
 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

## 01NCRA\_SR01-300\_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);

01NCRA\_SR01-300\_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 \*\*\*

17:49:44

\*\*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);

01NCRA\_SR01-300\_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 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08

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

17:49:44  
 \*\*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);



01NCRA\_SR01-300\_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      \*\*\*

17:49:44

\*\*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);

01NCRA\_SR01-300\_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      \*\*\*

17:49:44  
 \*\*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);

01NCRA\_SR01-300\_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      \*\*\*

17:49:44  
 \*\*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);

01NCRA\_SR01-300\_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 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
04/18/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:49:44  
\*\*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);

01NCRA\_SR01-300\_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      \*\*\*

17:49:44

\*\*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);

01NCRA\_SR01-300\_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);

01NCRA\_SR01-300\_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 \*\*\* ICSST3 - VERSION 02035 \*\*\*  
04/18/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:49:44

\*\*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);



01NCRA\_SR01-300\_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);

01NCRA\_SR01-300\_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      \*\*\*

17:49:44  
 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL    DFAULT

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



01NCRA SR01-300\_DPM\_TRAV\_ANN E-W Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING HEIGHT (M)	URBAN	RURAL	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
01	01	01	01	96.1	1.56	275.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	02	273.4	1.07	274.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	03	316.5	1.00	274.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	04	33.0	1.00	273.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	05	246.8	1.07	273.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	06	157.1	1.43	274.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	07	348.8	2.10	273.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	08	149.8	1.30	273.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	09	164.0	1.07	273.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	10	143.3	1.00	277.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	11	22.7	1.25	280.2	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	12	207.6	1.21	283.5	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	13	66.3	1.21	285.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	14	39.5	1.00	287.6	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	15	346.3	1.16	288.7	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	16	350.3	3.22	288.5	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	17	355.1	1.79	286.7	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	18	334.7	1.07	284.4	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	19	264.9	1.00	282.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	20	37.0	1.00	279.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	21	243.8	1.00	278.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	22	155.3	1.12	277.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	23	136.5	1.25	275.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00	
01	01	01	24	128.1	1.00	274.9	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 \*\*\*

17:49:44

\*\*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	0.00002	-250.00	90.00	0.00002
-250.00	80.00	0.00002	-250.00	70.00	0.00002
-250.00	60.00	0.00002	-250.00	50.00	0.00002
-250.00	40.00	0.00002	-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	0.00002	-240.00	90.00	0.00002
-240.00	80.00	0.00002	-240.00	70.00	0.00002

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-240.00	60.00	0.00002	-240.00	50.00	0.00002
-240.00	40.00	0.00002	-240.00	30.00	0.00002
-240.00	25.00	0.00002	-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	0.00002	-230.00	90.00	0.00002
-230.00	80.00	0.00002	-230.00	70.00	0.00002
-230.00	60.00	0.00002	-230.00	50.00	0.00002
-230.00	40.00	0.00002	-230.00	30.00	0.00002
-230.00	25.00	0.00002	-230.00	20.00	0.00002
-230.00	17.00	0.00002	-230.00	15.00	0.00002
-230.00	13.00	0.00002	-230.00	11.00	0.00002
-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      \*\*\*

17:49:44  
 \*\*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	0.00002	-220.00	90.00	0.00002
-220.00	80.00	0.00002	-220.00	70.00	0.00002
-220.00	60.00	0.00002	-220.00	50.00	0.00002
-220.00	40.00	0.00002	-220.00	30.00	0.00002
-220.00	25.00	0.00002	-220.00	20.00	0.00002
-220.00	17.00	0.00002	-220.00	15.00	0.00002

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-220.00	13.00	0.00002	-220.00	11.00	0.00002
-220.00	9.00	0.00003	-220.00	-9.00	0.00003
-220.00	-11.00	0.00003	-220.00	-13.00	0.00003
-220.00	-15.00	0.00003	-220.00	-17.00	0.00003
-220.00	-20.00	0.00003	-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	0.00002	-210.00	90.00	0.00002
-210.00	80.00	0.00002	-210.00	70.00	0.00002
-210.00	60.00	0.00002	-210.00	50.00	0.00002
-210.00	40.00	0.00002	-210.00	30.00	0.00002
-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	0.00003
-210.00	-11.00	0.00003	-210.00	-13.00	0.00003
-210.00	-15.00	0.00003	-210.00	-17.00	0.00003
-210.00	-20.00	0.00003	-210.00	-25.00	0.00003
-210.00	-30.00	0.00003	-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	0.00002	-200.00	90.00	0.00002
-200.00	80.00	0.00002	-200.00	70.00	0.00002
-200.00	60.00	0.00002	-200.00	50.00	0.00002
-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      \*\*\*

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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
-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

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-200.00	-20.00	0.00003	-200.00	-25.00	0.00003
-200.00	-30.00	0.00003	-200.00	-40.00	0.00003
-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	0.00002	-190.00	90.00	0.00002
-190.00	80.00	0.00002	-190.00	70.00	0.00002
-190.00	60.00	0.00002	-190.00	50.00	0.00003
-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	0.00003	-190.00	-40.00	0.00003
-190.00	-50.00	0.00003	-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	0.00003	-180.00	90.00	0.00003
-180.00	80.00	0.00003	-180.00	70.00	0.00003
-180.00	60.00	0.00003	-180.00	50.00	0.00003
-180.00	40.00	0.00003	-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	0.00003
-180.00	-50.00	0.00003	-180.00	-60.00	0.00003
-180.00	-70.00	0.00002	-180.00	-80.00	0.00002
-180.00	-90.00	0.00002	-180.00	-100.00	0.00002

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

01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	100.00	0.00003	-170.00	90.00	0.00003
-170.00	80.00	0.00003	-170.00	70.00	0.00003
-170.00	60.00	0.00003	-170.00	50.00	0.00003
-170.00	40.00	0.00003	-170.00	30.00	0.00003
-170.00	25.00	0.00003	-170.00	20.00	0.00003
-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	0.00002	-170.00	-100.00	0.00002
-160.00	100.00	0.00003	-160.00	90.00	0.00003
-160.00	80.00	0.00003	-160.00	70.00	0.00003
-160.00	60.00	0.00003	-160.00	50.00	0.00003
-160.00	40.00	0.00003	-160.00	30.00	0.00003
-160.00	25.00	0.00003	-160.00	20.00	0.00003
-160.00	17.00	0.00003	-160.00	15.00	0.00003
-160.00	13.00	0.00003	-160.00	11.00	0.00003
-160.00	9.00	0.00003	-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	0.00003	-150.00	90.00	0.00003
-150.00	80.00	0.00003	-150.00	70.00	0.00003
-150.00	60.00	0.00003	-150.00	50.00	0.00003
-150.00	40.00	0.00003	-150.00	30.00	0.00003
-150.00	25.00	0.00003	-150.00	20.00	0.00003
-150.00	17.00	0.00003	-150.00	15.00	0.00003
-150.00	13.00	0.00004	-150.00	11.00	0.00004
-150.00	9.00	0.00004	-150.00	-9.00	0.00004
-150.00	-11.00	0.00004	-150.00	-13.00	0.00004
-150.00	-15.00	0.00004	-150.00	-17.00	0.00004

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	0.00004	-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	0.00003	-140.00	90.00	0.00003	
-140.00	80.00	0.00003	-140.00	70.00	0.00003	
-140.00	60.00	0.00003	-140.00	50.00	0.00003	
-140.00	40.00	0.00003	-140.00	30.00	0.00003	
-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	0.00004	
-140.00	-15.00	0.00004	-140.00	-17.00	0.00004	
-140.00	-20.00	0.00004	-140.00	-25.00	0.00004	
-140.00	-30.00	0.00004	-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	0.00004	-130.00	90.00	0.00004	
-130.00	80.00	0.00003	-130.00	70.00	0.00003	
-130.00	60.00	0.00003	-130.00	50.00	0.00003	
-130.00	40.00	0.00004	-130.00	30.00	0.00004	
-130.00	25.00	0.00004	-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	0.00004	
-130.00	-30.00	0.00004	-130.00	-40.00	0.00004	
-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	0.00004	-120.00	90.00	0.00004	
-120.00	80.00	0.00004	-120.00	70.00	0.00004	

		01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound			
-120.00	60.00	0.00004	-120.00	50.00	0.00004
-120.00	40.00	0.00004	-120.00	30.00	0.00004
-120.00	25.00	0.00004	-120.00	20.00	0.00004

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
-120.00	17.00	0.00004	-120.00	15.00	0.00004
-120.00	13.00	0.00004	-120.00	11.00	0.00004
-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	0.00004
-120.00	-50.00	0.00004	-120.00	-60.00	0.00003
-120.00	-70.00	0.00003	-120.00	-80.00	0.00003
-120.00	-90.00	0.00003	-120.00	-100.00	0.00003
-110.00	100.00	0.00004	-110.00	90.00	0.00004
-110.00	80.00	0.00004	-110.00	70.00	0.00004
-110.00	60.00	0.00004	-110.00	50.00	0.00004
-110.00	40.00	0.00004	-110.00	30.00	0.00004
-110.00	25.00	0.00004	-110.00	20.00	0.00004
-110.00	17.00	0.00004	-110.00	15.00	0.00004
-110.00	13.00	0.00004	-110.00	11.00	0.00004
-110.00	9.00	0.00004	-110.00	-9.00	0.00005
-110.00	-11.00	0.00005	-110.00	-13.00	0.00005
-110.00	-15.00	0.00005	-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	0.00003
-110.00	-90.00	0.00003	-110.00	-100.00	0.00003
-100.00	100.00	0.00005	-100.00	90.00	0.00004
-100.00	80.00	0.00004	-100.00	70.00	0.00004
-100.00	60.00	0.00004	-100.00	50.00	0.00004
-100.00	40.00	0.00004	-100.00	30.00	0.00004
-100.00	25.00	0.00004	-100.00	20.00	0.00005
-100.00	17.00	0.00005	-100.00	15.00	0.00005



01NCRA_SR01-300_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	0.00005
-80.00	-50.00	0.00005	-80.00	-60.00	0.00004
-80.00	-70.00	0.00004	-80.00	-80.00	0.00004
-80.00	-90.00	0.00004	-80.00	-100.00	0.00004
-70.00	100.00	0.00007	-70.00	90.00	0.00006
-70.00	80.00	0.00006	-70.00	70.00	0.00005
-70.00	60.00	0.00005	-70.00	50.00	0.00005
-70.00	40.00	0.00005	-70.00	30.00	0.00005
-70.00	25.00	0.00005	-70.00	20.00	0.00006
-70.00	17.00	0.00006	-70.00	15.00	0.00006
-70.00	13.00	0.00006	-70.00	11.00	0.00006
-70.00	9.00	0.00006	-70.00	-9.00	0.00006
-70.00	-11.00	0.00006	-70.00	-13.00	0.00006
-70.00	-15.00	0.00006	-70.00	-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\_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	0.00006	-70.00	-25.00	0.00006
-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	0.00004
-70.00	-90.00	0.00004	-70.00	-100.00	0.00004
-60.00	100.00	0.00007	-60.00	90.00	0.00007
-60.00	80.00	0.00006	-60.00	70.00	0.00006
-60.00	60.00	0.00005	-60.00	50.00	0.00005
-60.00	40.00	0.00006	-60.00	30.00	0.00006
-60.00	25.00	0.00006	-60.00	20.00	0.00006
-60.00	17.00	0.00006	-60.00	15.00	0.00006
-60.00	13.00	0.00006	-60.00	11.00	0.00006
-60.00	9.00	0.00006	-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	0.00006	-60.00	-25.00	0.00006
-60.00	-30.00	0.00006	-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

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-60.00	-90.00	0.00005	-60.00	-100.00	0.00005
-50.00	100.00	0.00008	-50.00	90.00	0.00008
-50.00	80.00	0.00007	-50.00	70.00	0.00006
-50.00	60.00	0.00006	-50.00	50.00	0.00006
-50.00	40.00	0.00006	-50.00	30.00	0.00006
-50.00	25.00	0.00006	-50.00	20.00	0.00006
-50.00	17.00	0.00007	-50.00	15.00	0.00007
-50.00	13.00	0.00007	-50.00	11.00	0.00007
-50.00	9.00	0.00007	-50.00	-9.00	0.00007
-50.00	-11.00	0.00007	-50.00	-13.00	0.00007
-50.00	-15.00	0.00007	-50.00	-17.00	0.00007
-50.00	-20.00	0.00007	-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	0.00005
-50.00	-70.00	0.00005	-50.00	-80.00	0.00005
-50.00	-90.00	0.00005	-50.00	-100.00	0.00005
-40.00	100.00	0.00009	-40.00	90.00	0.00009
-40.00	80.00	0.00008	-40.00	70.00	0.00007
-40.00	60.00	0.00007	-40.00	50.00	0.00006
-40.00	40.00	0.00006	-40.00	30.00	0.00007
-40.00	25.00	0.00007	-40.00	20.00	0.00007

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

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-30.00	40.00	0.00007	-30.00	30.00	0.00007	
-30.00	25.00	0.00007	-30.00	20.00	0.00008	
-30.00	17.00	0.00008	-30.00	15.00	0.00008	
-30.00	13.00	0.00008	-30.00	11.00	0.00008	
-30.00	9.00	0.00008	-30.00	-9.00	0.00008	
-30.00	-11.00	0.00008	-30.00	-13.00	0.00008	
-30.00	-15.00	0.00008	-30.00	-17.00	0.00008	
-30.00	-20.00	0.00008	-30.00	-25.00	0.00008	
-30.00	-30.00	0.00007	-30.00	-40.00	0.00007	
-30.00	-50.00	0.00006	-30.00	-60.00	0.00006	
-30.00	-70.00	0.00006	-30.00	-80.00	0.00006	
-30.00	-90.00	0.00006	-30.00	-100.00	0.00006	
-20.00	100.00	0.00012	-20.00	90.00	0.00011	
-20.00	80.00	0.00010	-20.00	70.00	0.00009	
-20.00	60.00	0.00008	-20.00	50.00	0.00008	
-20.00	40.00	0.00008	-20.00	30.00	0.00008	
-20.00	25.00	0.00008	-20.00	20.00	0.00008	
-20.00	17.00	0.00008	-20.00	15.00	0.00009	
-20.00	13.00	0.00009	-20.00	11.00	0.00009	
-20.00	9.00	0.00009	-20.00	-9.00	0.00009	
-20.00	-11.00	0.00009	-20.00	-13.00	0.00009	
-20.00	-15.00	0.00009	-20.00	-17.00	0.00009	
-20.00	-20.00	0.00008	-20.00	-25.00	0.00008	
-20.00	-30.00	0.00008	-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      \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00014	-10.00	90.00	0.00013
-10.00	80.00	0.00012	-10.00	70.00	0.00011
-10.00	60.00	0.00009	-10.00	50.00	0.00009
-10.00	40.00	0.00008	-10.00	30.00	0.00009
-10.00	25.00	0.00009	-10.00	20.00	0.00009
-10.00	17.00	0.00009	-10.00	15.00	0.00009
-10.00	13.00	0.00009	-10.00	11.00	0.00010

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-10.00	9.00	0.00010	-10.00	-9.00	0.00010
-10.00	-11.00	0.00010	-10.00	-13.00	0.00010
-10.00	-15.00	0.00010	-10.00	-17.00	0.00009
-10.00	-20.00	0.00009	-10.00	-25.00	0.00009
-10.00	-30.00	0.00009	-10.00	-40.00	0.00008
-10.00	-50.00	0.00008	-10.00	-60.00	0.00007
-10.00	-70.00	0.00007	-10.00	-80.00	0.00007
-10.00	-90.00	0.00007	-10.00	-100.00	0.00007
0.00	100.00	0.00016	0.00	90.00	0.00015
0.00	80.00	0.00014	0.00	70.00	0.00012
0.00	60.00	0.00011	0.00	50.00	0.00010
0.00	40.00	0.00009	0.00	30.00	0.00009
0.00	25.00	0.00010	0.00	20.00	0.00010
0.00	17.00	0.00010	0.00	15.00	0.00010
0.00	13.00	0.00010	0.00	11.00	0.00011
0.00	9.00	0.00011	0.00	-9.00	0.00011
0.00	-11.00	0.00011	0.00	-13.00	0.00011
0.00	-15.00	0.00011	0.00	-17.00	0.00010
0.00	-20.00	0.00010	0.00	-25.00	0.00010
0.00	-30.00	0.00009	0.00	-40.00	0.00009
0.00	-50.00	0.00008	0.00	-60.00	0.00008
0.00	-70.00	0.00008	0.00	-80.00	0.00008
0.00	-90.00	0.00008	0.00	-100.00	0.00007
10.00	100.00	0.00019	10.00	90.00	0.00017
10.00	80.00	0.00016	10.00	70.00	0.00015
10.00	60.00	0.00013	10.00	50.00	0.00011
10.00	40.00	0.00011	10.00	30.00	0.00010
10.00	25.00	0.00011	10.00	20.00	0.00011
10.00	17.00	0.00011	10.00	15.00	0.00011
10.00	13.00	0.00012	10.00	11.00	0.00012
10.00	9.00	0.00012	10.00	-9.00	0.00012
10.00	-11.00	0.00012	10.00	-13.00	0.00012
10.00	-15.00	0.00012	10.00	-17.00	0.00011

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
10.00	-20.00	0.00011	10.00	-25.00	0.00011

01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-30.00	0.00010	10.00	-40.00	0.00010
10.00	-50.00	0.00009	10.00	-60.00	0.00009
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	0.00022	20.00	90.00	0.00020
20.00	80.00	0.00019	20.00	70.00	0.00017
20.00	60.00	0.00015	20.00	50.00	0.00013
20.00	40.00	0.00012	20.00	30.00	0.00012
20.00	25.00	0.00012	20.00	20.00	0.00012
20.00	17.00	0.00012	20.00	15.00	0.00013
20.00	13.00	0.00013	20.00	11.00	0.00013
20.00	9.00	0.00013	20.00	-9.00	0.00013
20.00	-11.00	0.00013	20.00	-13.00	0.00013
20.00	-15.00	0.00013	20.00	-17.00	0.00013
20.00	-20.00	0.00012	20.00	-25.00	0.00012
20.00	-30.00	0.00011	20.00	-40.00	0.00011
20.00	-50.00	0.00010	20.00	-60.00	0.00010
20.00	-70.00	0.00010	20.00	-80.00	0.00010
20.00	-90.00	0.00009	20.00	-100.00	0.00009
30.00	100.00	0.00026	30.00	90.00	0.00024
30.00	80.00	0.00023	30.00	70.00	0.00021
30.00	60.00	0.00018	30.00	50.00	0.00016
30.00	40.00	0.00014	30.00	30.00	0.00013
30.00	25.00	0.00013	30.00	20.00	0.00014
30.00	17.00	0.00014	30.00	15.00	0.00014
30.00	13.00	0.00014	30.00	11.00	0.00015
30.00	9.00	0.00015	30.00	-9.00	0.00015
30.00	-11.00	0.00015	30.00	-13.00	0.00015
30.00	-15.00	0.00014	30.00	-17.00	0.00014
30.00	-20.00	0.00014	30.00	-25.00	0.00013
30.00	-30.00	0.00012	30.00	-40.00	0.00012
30.00	-50.00	0.00012	30.00	-60.00	0.00011
30.00	-70.00	0.00011	30.00	-80.00	0.00011
30.00	-90.00	0.00010	30.00	-100.00	0.00009
40.00	100.00	0.00031	40.00	90.00	0.00029
40.00	80.00	0.00027	40.00	70.00	0.00025
40.00	60.00	0.00022	40.00	50.00	0.00019
40.00	40.00	0.00017	40.00	30.00	0.00015
40.00	25.00	0.00015	40.00	20.00	0.00015

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



\*\*\*

INCLUDING SOURCE(S) : NCRA\_S1 ,

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

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00016	40.00	15.00	0.00016
40.00	13.00	0.00016	40.00	11.00	0.00016
40.00	9.00	0.00017	40.00	-9.00	0.00017
40.00	-11.00	0.00017	40.00	-13.00	0.00016
40.00	-15.00	0.00016	40.00	-17.00	0.00016
40.00	-20.00	0.00015	40.00	-25.00	0.00014
40.00	-30.00	0.00014	40.00	-40.00	0.00013
40.00	-50.00	0.00013	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	0.00039	50.00	90.00	0.00036
50.00	80.00	0.00033	50.00	70.00	0.00030
50.00	60.00	0.00027	50.00	50.00	0.00024
50.00	40.00	0.00020	50.00	30.00	0.00018
50.00	25.00	0.00017	50.00	20.00	0.00017
50.00	17.00	0.00018	50.00	15.00	0.00018
50.00	13.00	0.00018	50.00	11.00	0.00019
50.00	9.00	0.00019	50.00	-9.00	0.00019
50.00	-11.00	0.00019	50.00	-13.00	0.00019
50.00	-15.00	0.00018	50.00	-17.00	0.00018
50.00	-20.00	0.00017	50.00	-25.00	0.00016
50.00	-30.00	0.00016	50.00	-40.00	0.00015
50.00	-50.00	0.00015	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	0.00010
60.00	100.00	0.00048	60.00	90.00	0.00045
60.00	80.00	0.00042	60.00	70.00	0.00038
60.00	60.00	0.00034	60.00	50.00	0.00030
60.00	40.00	0.00025	60.00	30.00	0.00021
60.00	25.00	0.00020	60.00	20.00	0.00020
60.00	17.00	0.00020	60.00	15.00	0.00021
60.00	13.00	0.00021	60.00	11.00	0.00021
60.00	9.00	0.00022	60.00	-9.00	0.00022
60.00	-11.00	0.00022	60.00	-13.00	0.00021
60.00	-15.00	0.00021	60.00	-17.00	0.00020
60.00	-20.00	0.00019	60.00	-25.00	0.00019
60.00	-30.00	0.00018	60.00	-40.00	0.00017
60.00	-50.00	0.00017	60.00	-60.00	0.00016
60.00	-70.00	0.00015	60.00	-80.00	0.00013

60.00 -90.00 01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound  
 0.00012 60.00 -100.00 0.00011

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
70.00	100.00	0.00059	70.00	90.00	0.00057
70.00	80.00	0.00054	70.00	70.00	0.00049
70.00	60.00	0.00044	70.00	50.00	0.00038
70.00	40.00	0.00032	70.00	30.00	0.00027
70.00	25.00	0.00025	70.00	20.00	0.00024
70.00	17.00	0.00024	70.00	15.00	0.00024
70.00	13.00	0.00024	70.00	11.00	0.00025
70.00	9.00	0.00025	70.00	-9.00	0.00026
70.00	-11.00	0.00025	70.00	-13.00	0.00024
70.00	-15.00	0.00024	70.00	-17.00	0.00023
70.00	-20.00	0.00022	70.00	-25.00	0.00021
70.00	-30.00	0.00021	70.00	-40.00	0.00020
70.00	-50.00	0.00019	70.00	-60.00	0.00018
70.00	-70.00	0.00016	70.00	-80.00	0.00014
70.00	-90.00	0.00013	70.00	-100.00	0.00012
80.00	100.00	0.00073	80.00	90.00	0.00072
80.00	80.00	0.00069	80.00	70.00	0.00065
80.00	60.00	0.00058	80.00	50.00	0.00051
80.00	40.00	0.00043	80.00	30.00	0.00035
80.00	25.00	0.00031	80.00	20.00	0.00029
80.00	17.00	0.00028	80.00	15.00	0.00028
80.00	13.00	0.00028	80.00	11.00	0.00029
80.00	9.00	0.00029	80.00	-9.00	0.00030
80.00	-11.00	0.00029	80.00	-13.00	0.00028
80.00	-15.00	0.00027	80.00	-17.00	0.00026
80.00	-20.00	0.00026	80.00	-25.00	0.00025
80.00	-30.00	0.00024	80.00	-40.00	0.00023
80.00	-50.00	0.00021	80.00	-60.00	0.00019
80.00	-70.00	0.00017	80.00	-80.00	0.00016
80.00	-90.00	0.00015	80.00	-100.00	0.00014
90.00	100.00	0.00090	90.00	90.00	0.00091
90.00	80.00	0.00090	90.00	70.00	0.00086
90.00	60.00	0.00080	90.00	50.00	0.00070

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
90.00	40.00	0.00059	90.00	30.00	0.00047
90.00	25.00	0.00041	90.00	20.00	0.00037
90.00	17.00	0.00035	90.00	15.00	0.00034
90.00	13.00	0.00034	90.00	11.00	0.00034
90.00	9.00	0.00035	90.00	-9.00	0.00035
90.00	-11.00	0.00033	90.00	-13.00	0.00032
90.00	-15.00	0.00032	90.00	-17.00	0.00031

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

17:49:44  
 \*\*MODELOPTs:  
 PAGE 36  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00030	90.00	-25.00	0.00029
90.00	-30.00	0.00029	90.00	-40.00	0.00027
90.00	-50.00	0.00024	90.00	-60.00	0.00021
90.00	-70.00	0.00020	90.00	-80.00	0.00019
90.00	-90.00	0.00017	90.00	-100.00	0.00016
100.00	100.00	0.00109	100.00	90.00	0.00112
100.00	80.00	0.00115	100.00	70.00	0.00115
100.00	60.00	0.00111	100.00	50.00	0.00101
100.00	40.00	0.00086	100.00	30.00	0.00067
100.00	25.00	0.00058	100.00	20.00	0.00050
100.00	17.00	0.00046	100.00	15.00	0.00044
100.00	13.00	0.00043	100.00	11.00	0.00042
100.00	9.00	0.00042	100.00	-9.00	0.00041
100.00	-11.00	0.00039	100.00	-13.00	0.00038
100.00	-15.00	0.00037	100.00	-17.00	0.00037
100.00	-20.00	0.00036	100.00	-25.00	0.00035
100.00	-30.00	0.00033	100.00	-40.00	0.00030
100.00	-50.00	0.00027	100.00	-60.00	0.00025
100.00	-70.00	0.00023	100.00	-80.00	0.00022
100.00	-90.00	0.00020	100.00	-100.00	0.00019
110.00	100.00	0.00129	110.00	90.00	0.00137
110.00	80.00	0.00144	110.00	70.00	0.00149
110.00	60.00	0.00151	110.00	50.00	0.00147
110.00	40.00	0.00133	110.00	30.00	0.00107
110.00	25.00	0.00091	110.00	20.00	0.00075
110.00	17.00	0.00067	110.00	15.00	0.00062
110.00	13.00	0.00058	110.00	11.00	0.00055



01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
130.00	-30.00	0.00061	130.00	-40.00	0.00056
130.00	-50.00	0.00051	130.00	-60.00	0.00046
130.00	-70.00	0.00041	130.00	-80.00	0.00037
130.00	-90.00	0.00033	130.00	-100.00	0.00031
140.00	100.00	0.00189	140.00	90.00	0.00213
140.00	80.00	0.00241	140.00	70.00	0.00272
140.00	60.00	0.00306	140.00	50.00	0.00344
140.00	40.00	0.00383	140.00	30.00	0.00416
140.00	25.00	0.00428	140.00	20.00	0.00433
140.00	17.00	0.00432	140.00	15.00	0.00430
140.00	13.00	0.00428	140.00	11.00	0.00427
140.00	9.00	0.00429	140.00	-9.00	0.00138
140.00	-11.00	0.00124	140.00	-13.00	0.00115
140.00	-15.00	0.00109	140.00	-17.00	0.00104
140.00	-20.00	0.00098	140.00	-25.00	0.00091
140.00	-30.00	0.00085	140.00	-40.00	0.00075
140.00	-50.00	0.00066	140.00	-60.00	0.00057
140.00	-70.00	0.00050	140.00	-80.00	0.00045
140.00	-90.00	0.00040	140.00	-100.00	0.00036

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	0.00202	150.00	90.00	0.00230
150.00	80.00	0.00263	150.00	70.00	0.00302
150.00	60.00	0.00345	150.00	50.00	0.00394
150.00	40.00	0.00447	150.00	30.00	0.00499
150.00	25.00	0.00520	150.00	20.00	0.00537
150.00	17.00	0.00544	150.00	15.00	0.00548
150.00	13.00	0.00550	150.00	11.00	0.00553
150.00	9.00	0.00557	150.00	-9.00	0.00231
150.00	-11.00	0.00212	150.00	-13.00	0.00195
150.00	-15.00	0.00181	150.00	-17.00	0.00169
150.00	-20.00	0.00154	150.00	-25.00	0.00135
150.00	-30.00	0.00121	150.00	-40.00	0.00099
150.00	-50.00	0.00083	150.00	-60.00	0.00071
150.00	-70.00	0.00061	150.00	-80.00	0.00054
150.00	-90.00	0.00047	150.00	-100.00	0.00042





01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
200.00	-11.00	0.00367	200.00	-13.00	0.00353	
200.00	-15.00	0.00341	200.00	-17.00	0.00329	
200.00	-20.00	0.00314	200.00	-25.00	0.00290	
200.00	-30.00	0.00268	200.00	-40.00	0.00225	
200.00	-50.00	0.00186	200.00	-60.00	0.00152	
200.00	-70.00	0.00125	200.00	-80.00	0.00104	
200.00	-90.00	0.00087	200.00	-100.00	0.00073	
210.00	100.00	0.00167	210.00	90.00	0.00193	
210.00	80.00	0.00225	210.00	70.00	0.00265	
210.00	60.00	0.00315	210.00	50.00	0.00378	
210.00	40.00	0.00456	210.00	30.00	0.00550	
210.00	25.00	0.00601	210.00	20.00	0.00653	
210.00	17.00	0.00679	210.00	15.00	0.00694	
210.00	13.00	0.00707	210.00	11.00	0.00716	
210.00	9.00	0.00724	210.00	-9.00	0.00390	
210.00	-11.00	0.00372	210.00	-13.00	0.00358	
210.00	-15.00	0.00347	210.00	-17.00	0.00337	
210.00	-20.00	0.00322	210.00	-25.00	0.00298	
210.00	-30.00	0.00275	210.00	-40.00	0.00232	
210.00	-50.00	0.00194	210.00	-60.00	0.00161	
210.00	-70.00	0.00133	210.00	-80.00	0.00110	
210.00	-90.00	0.00092	210.00	-100.00	0.00078	
220.00	100.00	0.00149	220.00	90.00	0.00171	
220.00	80.00	0.00197	220.00	70.00	0.00229	
220.00	60.00	0.00269	220.00	50.00	0.00318	
220.00	40.00	0.00378	220.00	30.00	0.00450	
220.00	25.00	0.00491	220.00	20.00	0.00534	
220.00	17.00	0.00560	220.00	15.00	0.00579	
220.00	13.00	0.00598	220.00	11.00	0.00619	
220.00	9.00	0.00643	220.00	-9.00	0.00387	
220.00	-11.00	0.00370	220.00	-13.00	0.00356	
220.00	-15.00	0.00345	220.00	-17.00	0.00334	
220.00	-20.00	0.00319	220.00	-25.00	0.00296	
220.00	-30.00	0.00273	220.00	-40.00	0.00231	
220.00	-50.00	0.00195	220.00	-60.00	0.00163	
220.00	-70.00	0.00136	220.00	-80.00	0.00114	
220.00	-90.00	0.00096	220.00	-100.00	0.00081	

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 \*\*\*



01NCRA\_SR01-300\_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	0.00131	230.00	90.00	0.00148
230.00	80.00	0.00169	230.00	70.00	0.00194
230.00	60.00	0.00223	230.00	50.00	0.00257
230.00	40.00	0.00296	230.00	30.00	0.00338
230.00	25.00	0.00359	230.00	20.00	0.00378
230.00	17.00	0.00387	230.00	15.00	0.00392
230.00	13.00	0.00396	230.00	11.00	0.00397
230.00	9.00	0.00395	230.00	-9.00	0.00331
230.00	-11.00	0.00326	230.00	-13.00	0.00319
230.00	-15.00	0.00313	230.00	-17.00	0.00306
230.00	-20.00	0.00296	230.00	-25.00	0.00277
230.00	-30.00	0.00258	230.00	-40.00	0.00222
230.00	-50.00	0.00189	230.00	-60.00	0.00161
230.00	-70.00	0.00136	230.00	-80.00	0.00115
230.00	-90.00	0.00097	230.00	-100.00	0.00083
240.00	100.00	0.00115	240.00	90.00	0.00129
240.00	80.00	0.00146	240.00	70.00	0.00165
240.00	60.00	0.00186	240.00	50.00	0.00210
240.00	40.00	0.00236	240.00	30.00	0.00262
240.00	25.00	0.00273	240.00	20.00	0.00280
240.00	17.00	0.00282	240.00	15.00	0.00282
240.00	13.00	0.00281	240.00	11.00	0.00278
240.00	9.00	0.00275	240.00	-9.00	0.00241
240.00	-11.00	0.00244	240.00	-13.00	0.00246
240.00	-15.00	0.00247	240.00	-17.00	0.00248
240.00	-20.00	0.00247	240.00	-25.00	0.00241
240.00	-30.00	0.00230	240.00	-40.00	0.00205
240.00	-50.00	0.00179	240.00	-60.00	0.00154
240.00	-70.00	0.00133	240.00	-80.00	0.00114
240.00	-90.00	0.00098	240.00	-100.00	0.00084
250.00	100.00	0.00102	250.00	90.00	0.00114
250.00	80.00	0.00127	250.00	70.00	0.00141
250.00	60.00	0.00158	250.00	50.00	0.00175
250.00	40.00	0.00193	250.00	30.00	0.00208
250.00	25.00	0.00213	250.00	20.00	0.00215
250.00	17.00	0.00214	250.00	15.00	0.00214
250.00	13.00	0.00213	250.00	11.00	0.00211
250.00	9.00	0.00210	250.00	-9.00	0.00189
250.00	-11.00	0.00190	250.00	-13.00	0.00191
250.00	-15.00	0.00192	250.00	-17.00	0.00193

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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	0.00194	250.00	-25.00	0.00195
250.00	-30.00	0.00192	250.00	-40.00	0.00180
250.00	-50.00	0.00162	250.00	-60.00	0.00144
250.00	-70.00	0.00126	250.00	-80.00	0.00110
250.00	-90.00	0.00096	250.00	-100.00	0.00083

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: 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	0.00003	-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	0.00003
-250.00	25.00	0.00003	-250.00	20.00	0.00003
-250.00	17.00	0.00003	-250.00	15.00	0.00003
-250.00	13.00	0.00003	-250.00	11.00	0.00003
-250.00	9.00	0.00003	-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	0.00003	-240.00	90.00	0.00003
-240.00	80.00	0.00003	-240.00	70.00	0.00003
-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	0.00003

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-240.00	17.00	0.00003	-240.00	15.00	0.00003
-240.00	13.00	0.00004	-240.00	11.00	0.00004
-240.00	9.00	0.00004	-240.00	-9.00	0.00004
-240.00	-11.00	0.00004	-240.00	-13.00	0.00004
-240.00	-15.00	0.00004	-240.00	-17.00	0.00004
-240.00	-20.00	0.00004	-240.00	-25.00	0.00003
-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	0.00003	-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	0.00004	-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	0.00004
-230.00	-15.00	0.00004	-230.00	-17.00	0.00004

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	0.00004	-230.00	-25.00	0.00004
-230.00	-30.00	0.00004	-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	0.00004	-220.00	90.00	0.00004
-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	0.00004	-220.00	30.00	0.00004
-220.00	25.00	0.00004	-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

01NCRA_SR01-300_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	0.00004
-220.00	-30.00	0.00004	-220.00	-40.00	0.00004
-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	0.00004	-210.00	90.00	0.00004
-210.00	80.00	0.00004	-210.00	70.00	0.00004
-210.00	60.00	0.00004	-210.00	50.00	0.00004
-210.00	40.00	0.00004	-210.00	30.00	0.00004
-210.00	25.00	0.00004	-210.00	20.00	0.00004
-210.00	17.00	0.00004	-210.00	15.00	0.00004
-210.00	13.00	0.00004	-210.00	11.00	0.00004
-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	0.00004
-210.00	-50.00	0.00004	-210.00	-60.00	0.00003
-210.00	-70.00	0.00003	-210.00	-80.00	0.00003
-210.00	-90.00	0.00003	-210.00	-100.00	0.00003
-200.00	100.00	0.00004	-200.00	90.00	0.00004
-200.00	80.00	0.00004	-200.00	70.00	0.00004
-200.00	60.00	0.00004	-200.00	50.00	0.00004
-200.00	40.00	0.00004	-200.00	30.00	0.00004
-200.00	25.00	0.00004	-200.00	20.00	0.00004

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	0.00004	-200.00	15.00	0.00004
-200.00	13.00	0.00004	-200.00	11.00	0.00004
-200.00	9.00	0.00004	-200.00	-9.00	0.00005
-200.00	-11.00	0.00005	-200.00	-13.00	0.00005
-200.00	-15.00	0.00005	-200.00	-17.00	0.00004
-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

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-200.00	-70.00	0.00004	-200.00	-80.00	0.00003	
-200.00	-90.00	0.00003	-200.00	-100.00	0.00003	
-190.00	100.00	0.00005	-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	0.00004	-190.00	30.00	0.00004	
-190.00	25.00	0.00004	-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	0.00005	-190.00	-13.00	0.00005	
-190.00	-15.00	0.00005	-190.00	-17.00	0.00005	
-190.00	-20.00	0.00005	-190.00	-25.00	0.00005	
-190.00	-30.00	0.00005	-190.00	-40.00	0.00004	
-190.00	-50.00	0.00004	-190.00	-60.00	0.00004	
-190.00	-70.00	0.00004	-190.00	-80.00	0.00004	
-190.00	-90.00	0.00004	-190.00	-100.00	0.00004	
-180.00	100.00	0.00005	-180.00	90.00	0.00005	
-180.00	80.00	0.00005	-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	0.00005	
-180.00	25.00	0.00005	-180.00	20.00	0.00005	
-180.00	17.00	0.00005	-180.00	15.00	0.00005	
-180.00	13.00	0.00005	-180.00	11.00	0.00005	
-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	0.00005	-180.00	-25.00	0.00005	
-180.00	-30.00	0.00005	-180.00	-40.00	0.00005	
-180.00	-50.00	0.00004	-180.00	-60.00	0.00004	
-180.00	-70.00	0.00004	-180.00	-80.00	0.00004	
-180.00	-90.00	0.00004	-180.00	-100.00	0.00004	

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: 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	0.00006	-170.00	90.00	0.00005
-170.00	80.00	0.00005	-170.00	70.00	0.00005

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-170.00	60.00	0.00005	-170.00	50.00	0.00005
-170.00	40.00	0.00005	-170.00	30.00	0.00005
-170.00	25.00	0.00005	-170.00	20.00	0.00005
-170.00	17.00	0.00005	-170.00	15.00	0.00005
-170.00	13.00	0.00005	-170.00	11.00	0.00005
-170.00	9.00	0.00005	-170.00	-9.00	0.00006
-170.00	-11.00	0.00006	-170.00	-13.00	0.00006
-170.00	-15.00	0.00006	-170.00	-17.00	0.00005
-170.00	-20.00	0.00005	-170.00	-25.00	0.00005
-170.00	-30.00	0.00005	-170.00	-40.00	0.00005
-170.00	-50.00	0.00005	-170.00	-60.00	0.00004
-170.00	-70.00	0.00004	-170.00	-80.00	0.00004
-170.00	-90.00	0.00004	-170.00	-100.00	0.00004
-160.00	100.00	0.00007	-160.00	90.00	0.00006
-160.00	80.00	0.00006	-160.00	70.00	0.00005
-160.00	60.00	0.00005	-160.00	50.00	0.00005
-160.00	40.00	0.00005	-160.00	30.00	0.00005
-160.00	25.00	0.00005	-160.00	20.00	0.00006
-160.00	17.00	0.00006	-160.00	15.00	0.00006
-160.00	13.00	0.00006	-160.00	11.00	0.00006
-160.00	9.00	0.00006	-160.00	-9.00	0.00006
-160.00	-11.00	0.00006	-160.00	-13.00	0.00006
-160.00	-15.00	0.00006	-160.00	-17.00	0.00006
-160.00	-20.00	0.00006	-160.00	-25.00	0.00006
-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	0.00004
-160.00	-90.00	0.00004	-160.00	-100.00	0.00004
-150.00	100.00	0.00007	-150.00	90.00	0.00007
-150.00	80.00	0.00006	-150.00	70.00	0.00006
-150.00	60.00	0.00005	-150.00	50.00	0.00005
-150.00	40.00	0.00006	-150.00	30.00	0.00006
-150.00	25.00	0.00006	-150.00	20.00	0.00006
-150.00	17.00	0.00006	-150.00	15.00	0.00006
-150.00	13.00	0.00006	-150.00	11.00	0.00006
-150.00	9.00	0.00006	-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	0.00006	-150.00	-25.00	0.00006	
-150.00	-30.00	0.00006	-150.00	-40.00	0.00005	
-150.00	-50.00	0.00005	-150.00	-60.00	0.00005	
-150.00	-70.00	0.00005	-150.00	-80.00	0.00005	
-150.00	-90.00	0.00005	-150.00	-100.00	0.00005	
-140.00	100.00	0.00008	-140.00	90.00	0.00008	
-140.00	80.00	0.00007	-140.00	70.00	0.00006	
-140.00	60.00	0.00006	-140.00	50.00	0.00006	
-140.00	40.00	0.00006	-140.00	30.00	0.00006	
-140.00	25.00	0.00006	-140.00	20.00	0.00006	
-140.00	17.00	0.00007	-140.00	15.00	0.00007	
-140.00	13.00	0.00007	-140.00	11.00	0.00007	
-140.00	9.00	0.00007	-140.00	-9.00	0.00007	
-140.00	-11.00	0.00007	-140.00	-13.00	0.00007	
-140.00	-15.00	0.00007	-140.00	-17.00	0.00007	
-140.00	-20.00	0.00007	-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	0.00005	
-140.00	-70.00	0.00005	-140.00	-80.00	0.00005	
-140.00	-90.00	0.00005	-140.00	-100.00	0.00005	
-130.00	100.00	0.00009	-130.00	90.00	0.00009	
-130.00	80.00	0.00008	-130.00	70.00	0.00007	
-130.00	60.00	0.00007	-130.00	50.00	0.00006	
-130.00	40.00	0.00006	-130.00	30.00	0.00007	
-130.00	25.00	0.00007	-130.00	20.00	0.00007	
-130.00	17.00	0.00007	-130.00	15.00	0.00007	
-130.00	13.00	0.00007	-130.00	11.00	0.00007	
-130.00	9.00	0.00007	-130.00	-9.00	0.00008	
-130.00	-11.00	0.00008	-130.00	-13.00	0.00007	
-130.00	-15.00	0.00007	-130.00	-17.00	0.00007	
-130.00	-20.00	0.00007	-130.00	-25.00	0.00007	
-130.00	-30.00	0.00007	-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	0.00005	
-120.00	100.00	0.00011	-120.00	90.00	0.00010	
-120.00	80.00	0.00009	-120.00	70.00	0.00008	
-120.00	60.00	0.00007	-120.00	50.00	0.00007	
-120.00	40.00	0.00007	-120.00	30.00	0.00007	
-120.00	25.00	0.00007	-120.00	20.00	0.00008	

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



-100.00	-15.00	01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound 0.00010	-100.00	-17.00	0.00009
-100.00	-20.00	0.00009	-100.00	-25.00	0.00009
-100.00	-30.00	0.00009	-100.00	-40.00	0.00008
-100.00	-50.00	0.00008	-100.00	-60.00	0.00007
-100.00	-70.00	0.00007	-100.00	-80.00	0.00007
-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	0.00016	-90.00	90.00	0.00015
-90.00	80.00	0.00014	-90.00	70.00	0.00012
-90.00	60.00	0.00011	-90.00	50.00	0.00010
-90.00	40.00	0.00009	-90.00	30.00	0.00009
-90.00	25.00	0.00010	-90.00	20.00	0.00010
-90.00	17.00	0.00010	-90.00	15.00	0.00010
-90.00	13.00	0.00010	-90.00	11.00	0.00011
-90.00	9.00	0.00011	-90.00	-9.00	0.00011
-90.00	-11.00	0.00011	-90.00	-13.00	0.00011
-90.00	-15.00	0.00011	-90.00	-17.00	0.00010
-90.00	-20.00	0.00010	-90.00	-25.00	0.00010
-90.00	-30.00	0.00009	-90.00	-40.00	0.00009
-90.00	-50.00	0.00008	-90.00	-60.00	0.00008
-90.00	-70.00	0.00008	-90.00	-80.00	0.00008
-90.00	-90.00	0.00008	-90.00	-100.00	0.00007
-80.00	100.00	0.00019	-80.00	90.00	0.00017
-80.00	80.00	0.00016	-80.00	70.00	0.00015
-80.00	60.00	0.00013	-80.00	50.00	0.00011
-80.00	40.00	0.00011	-80.00	30.00	0.00010
-80.00	25.00	0.00011	-80.00	20.00	0.00011
-80.00	17.00	0.00011	-80.00	15.00	0.00011
-80.00	13.00	0.00012	-80.00	11.00	0.00012
-80.00	9.00	0.00012	-80.00	-9.00	0.00012
-80.00	-11.00	0.00012	-80.00	-13.00	0.00012
-80.00	-15.00	0.00012	-80.00	-17.00	0.00011
-80.00	-20.00	0.00011	-80.00	-25.00	0.00011
-80.00	-30.00	0.00010	-80.00	-40.00	0.00010
-80.00	-50.00	0.00009	-80.00	-60.00	0.00009

01NCRA SR01-300_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	0.00022	-70.00	90.00	0.00020
-70.00	80.00	0.00019	-70.00	70.00	0.00017
-70.00	60.00	0.00015	-70.00	50.00	0.00013
-70.00	40.00	0.00012	-70.00	30.00	0.00012
-70.00	25.00	0.00012	-70.00	20.00	0.00012
-70.00	17.00	0.00012	-70.00	15.00	0.00013
-70.00	13.00	0.00013	-70.00	11.00	0.00013
-70.00	9.00	0.00013	-70.00	-9.00	0.00013
-70.00	-11.00	0.00013	-70.00	-13.00	0.00013
-70.00	-15.00	0.00013	-70.00	-17.00	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\_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	0.00012	-70.00	-25.00	0.00012
-70.00	-30.00	0.00011	-70.00	-40.00	0.00011
-70.00	-50.00	0.00010	-70.00	-60.00	0.00010
-70.00	-70.00	0.00010	-70.00	-80.00	0.00010
-70.00	-90.00	0.00009	-70.00	-100.00	0.00009
-60.00	100.00	0.00026	-60.00	90.00	0.00024
-60.00	80.00	0.00023	-60.00	70.00	0.00021
-60.00	60.00	0.00018	-60.00	50.00	0.00016
-60.00	40.00	0.00014	-60.00	30.00	0.00013
-60.00	25.00	0.00013	-60.00	20.00	0.00014
-60.00	17.00	0.00014	-60.00	15.00	0.00014
-60.00	13.00	0.00014	-60.00	11.00	0.00015
-60.00	9.00	0.00015	-60.00	-9.00	0.00015
-60.00	-11.00	0.00015	-60.00	-13.00	0.00015
-60.00	-15.00	0.00014	-60.00	-17.00	0.00014
-60.00	-20.00	0.00014	-60.00	-25.00	0.00013
-60.00	-30.00	0.00012	-60.00	-40.00	0.00012
-60.00	-50.00	0.00012	-60.00	-60.00	0.00011
-60.00	-70.00	0.00011	-60.00	-80.00	0.00011
-60.00	-90.00	0.00010	-60.00	-100.00	0.00009
-50.00	100.00	0.00031	-50.00	90.00	0.00029
-50.00	80.00	0.00027	-50.00	70.00	0.00025

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-50.00	60.00	0.00022	-50.00	50.00	0.00019	
-50.00	40.00	0.00017	-50.00	30.00	0.00015	
-50.00	25.00	0.00015	-50.00	20.00	0.00015	
-50.00	17.00	0.00016	-50.00	15.00	0.00016	
-50.00	13.00	0.00016	-50.00	11.00	0.00016	
-50.00	9.00	0.00017	-50.00	-9.00	0.00017	
-50.00	-11.00	0.00017	-50.00	-13.00	0.00016	
-50.00	-15.00	0.00016	-50.00	-17.00	0.00016	
-50.00	-20.00	0.00015	-50.00	-25.00	0.00014	
-50.00	-30.00	0.00014	-50.00	-40.00	0.00013	
-50.00	-50.00	0.00013	-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	0.00039	-40.00	90.00	0.00036	
-40.00	80.00	0.00033	-40.00	70.00	0.00030	
-40.00	60.00	0.00027	-40.00	50.00	0.00024	
-40.00	40.00	0.00020	-40.00	30.00	0.00018	
-40.00	25.00	0.00017	-40.00	20.00	0.00017	

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

17:49:44

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

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00018	-40.00	15.00	0.00018
-40.00	13.00	0.00018	-40.00	11.00	0.00019
-40.00	9.00	0.00019	-40.00	-9.00	0.00019
-40.00	-11.00	0.00019	-40.00	-13.00	0.00019
-40.00	-15.00	0.00018	-40.00	-17.00	0.00018
-40.00	-20.00	0.00017	-40.00	-25.00	0.00016
-40.00	-30.00	0.00016	-40.00	-40.00	0.00015
-40.00	-50.00	0.00015	-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	0.00010
-30.00	100.00	0.00048	-30.00	90.00	0.00045
-30.00	80.00	0.00042	-30.00	70.00	0.00038
-30.00	60.00	0.00034	-30.00	50.00	0.00030
-30.00	40.00	0.00025	-30.00	30.00	0.00021
-30.00	25.00	0.00020	-30.00	20.00	0.00020
-30.00	17.00	0.00020	-30.00	15.00	0.00021



01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-20.00	0.00026	-10.00	-25.00	0.00025
-10.00	-30.00	0.00024	-10.00	-40.00	0.00023
-10.00	-50.00	0.00021	-10.00	-60.00	0.00019
-10.00	-70.00	0.00017	-10.00	-80.00	0.00016
-10.00	-90.00	0.00015	-10.00	-100.00	0.00014
0.00	100.00	0.00090	0.00	90.00	0.00091
0.00	80.00	0.00090	0.00	70.00	0.00086
0.00	60.00	0.00080	0.00	50.00	0.00070
0.00	40.00	0.00059	0.00	30.00	0.00047
0.00	25.00	0.00041	0.00	20.00	0.00037
0.00	17.00	0.00035	0.00	15.00	0.00034
0.00	13.00	0.00034	0.00	11.00	0.00034
0.00	9.00	0.00035	0.00	-9.00	0.00035
0.00	-11.00	0.00033	0.00	-13.00	0.00032
0.00	-15.00	0.00032	0.00	-17.00	0.00031
0.00	-20.00	0.00030	0.00	-25.00	0.00029
0.00	-30.00	0.00029	0.00	-40.00	0.00027
0.00	-50.00	0.00024	0.00	-60.00	0.00021
0.00	-70.00	0.00020	0.00	-80.00	0.00019
0.00	-90.00	0.00017	0.00	-100.00	0.00016
10.00	100.00	0.00109	10.00	90.00	0.00112
10.00	80.00	0.00115	10.00	70.00	0.00115
10.00	60.00	0.00111	10.00	50.00	0.00101
10.00	40.00	0.00086	10.00	30.00	0.00067
10.00	25.00	0.00058	10.00	20.00	0.00050
10.00	17.00	0.00046	10.00	15.00	0.00044
10.00	13.00	0.00043	10.00	11.00	0.00042
10.00	9.00	0.00042	10.00	-9.00	0.00041
10.00	-11.00	0.00039	10.00	-13.00	0.00038
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 \*\*\*

17:49:44

\*\*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	0.00036	10.00	-25.00	0.00035
10.00	-30.00	0.00033	10.00	-40.00	0.00030
10.00	-50.00	0.00027	10.00	-60.00	0.00025
10.00	-70.00	0.00023	10.00	-80.00	0.00022

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
10.00	-90.00	0.00020	10.00	-100.00	0.00019
20.00	100.00	0.00129	20.00	90.00	0.00137
20.00	80.00	0.00144	20.00	70.00	0.00149
20.00	60.00	0.00151	20.00	50.00	0.00147
20.00	40.00	0.00133	20.00	30.00	0.00107
20.00	25.00	0.00091	20.00	20.00	0.00075
20.00	17.00	0.00067	20.00	15.00	0.00062
20.00	13.00	0.00058	20.00	11.00	0.00055
20.00	9.00	0.00053	20.00	-9.00	0.00048
20.00	-11.00	0.00047	20.00	-13.00	0.00046
20.00	-15.00	0.00045	20.00	-17.00	0.00044
20.00	-20.00	0.00043	20.00	-25.00	0.00041
20.00	-30.00	0.00038	20.00	-40.00	0.00035
20.00	-50.00	0.00033	20.00	-60.00	0.00030
20.00	-70.00	0.00028	20.00	-80.00	0.00025
20.00	-90.00	0.00023	20.00	-100.00	0.00021
30.00	100.00	0.00150	30.00	90.00	0.00163
30.00	80.00	0.00176	30.00	70.00	0.00189
30.00	60.00	0.00200	30.00	50.00	0.00206
30.00	40.00	0.00203	30.00	30.00	0.00182
30.00	25.00	0.00162	30.00	20.00	0.00135
30.00	17.00	0.00117	30.00	15.00	0.00105
30.00	13.00	0.00094	30.00	11.00	0.00084
30.00	9.00	0.00077	30.00	-9.00	0.00059
30.00	-11.00	0.00057	30.00	-13.00	0.00055
30.00	-15.00	0.00054	30.00	-17.00	0.00052
30.00	-20.00	0.00050	30.00	-25.00	0.00048
30.00	-30.00	0.00047	30.00	-40.00	0.00044
30.00	-50.00	0.00040	30.00	-60.00	0.00036
30.00	-70.00	0.00033	30.00	-80.00	0.00030
30.00	-90.00	0.00028	30.00	-100.00	0.00025
40.00	100.00	0.00172	40.00	90.00	0.00190
40.00	80.00	0.00210	40.00	70.00	0.00232
40.00	60.00	0.00254	40.00	50.00	0.00276
40.00	40.00	0.00292	40.00	30.00	0.00295
40.00	25.00	0.00286	40.00	20.00	0.00267

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

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

17:49:44

\*\*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 \*\*

01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00249	40.00	15.00	0.00233
40.00	13.00	0.00216	40.00	11.00	0.00195
40.00	9.00	0.00171	40.00	-9.00	0.00074
40.00	-11.00	0.00071	40.00	-13.00	0.00069
40.00	-15.00	0.00068	40.00	-17.00	0.00067
40.00	-20.00	0.00065	40.00	-25.00	0.00063
40.00	-30.00	0.00061	40.00	-40.00	0.00056
40.00	-50.00	0.00051	40.00	-60.00	0.00046
40.00	-70.00	0.00041	40.00	-80.00	0.00037
40.00	-90.00	0.00033	40.00	-100.00	0.00031
50.00	100.00	0.00189	50.00	90.00	0.00213
50.00	80.00	0.00241	50.00	70.00	0.00272
50.00	60.00	0.00306	50.00	50.00	0.00344
50.00	40.00	0.00383	50.00	30.00	0.00416
50.00	25.00	0.00428	50.00	20.00	0.00433
50.00	17.00	0.00432	50.00	15.00	0.00430
50.00	13.00	0.00428	50.00	11.00	0.00427
50.00	9.00	0.00429	50.00	-9.00	0.00138
50.00	-11.00	0.00124	50.00	-13.00	0.00115
50.00	-15.00	0.00109	50.00	-17.00	0.00104
50.00	-20.00	0.00098	50.00	-25.00	0.00091
50.00	-30.00	0.00085	50.00	-40.00	0.00075
50.00	-50.00	0.00066	50.00	-60.00	0.00057
50.00	-70.00	0.00050	50.00	-80.00	0.00045
50.00	-90.00	0.00040	50.00	-100.00	0.00036
60.00	100.00	0.00202	60.00	90.00	0.00230
60.00	80.00	0.00263	60.00	70.00	0.00302
60.00	60.00	0.00345	60.00	50.00	0.00394
60.00	40.00	0.00447	60.00	30.00	0.00499
60.00	25.00	0.00520	60.00	20.00	0.00537
60.00	17.00	0.00544	60.00	15.00	0.00548
60.00	13.00	0.00550	60.00	11.00	0.00553
60.00	9.00	0.00557	60.00	-9.00	0.00231
60.00	-11.00	0.00212	60.00	-13.00	0.00195
60.00	-15.00	0.00181	60.00	-17.00	0.00169
60.00	-20.00	0.00154	60.00	-25.00	0.00135
60.00	-30.00	0.00121	60.00	-40.00	0.00099
60.00	-50.00	0.00083	60.00	-60.00	0.00071
60.00	-70.00	0.00061	60.00	-80.00	0.00054
60.00	-90.00	0.00047	60.00	-100.00	0.00042

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

17:49:44

\*\*\* 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	0.00209	70.00	90.00	0.00240
70.00	80.00	0.00277	70.00	70.00	0.00321
70.00	60.00	0.00372	70.00	50.00	0.00429
70.00	40.00	0.00491	70.00	30.00	0.00555
70.00	25.00	0.00584	70.00	20.00	0.00608
70.00	17.00	0.00618	70.00	15.00	0.00622
70.00	13.00	0.00623	70.00	11.00	0.00624
70.00	9.00	0.00626	70.00	-9.00	0.00288
70.00	-11.00	0.00269	70.00	-13.00	0.00254
70.00	-15.00	0.00241	70.00	-17.00	0.00228
70.00	-20.00	0.00211	70.00	-25.00	0.00186
70.00	-30.00	0.00164	70.00	-40.00	0.00130
70.00	-50.00	0.00105	70.00	-60.00	0.00088
70.00	-70.00	0.00074	70.00	-80.00	0.00064
70.00	-90.00	0.00055	70.00	-100.00	0.00048
80.00	100.00	0.00210	80.00	90.00	0.00242
80.00	80.00	0.00282	80.00	70.00	0.00329
80.00	60.00	0.00386	80.00	50.00	0.00450
80.00	40.00	0.00521	80.00	30.00	0.00595
80.00	25.00	0.00629	80.00	20.00	0.00655
80.00	17.00	0.00664	80.00	15.00	0.00668
80.00	13.00	0.00670	80.00	11.00	0.00670
80.00	9.00	0.00670	80.00	-9.00	0.00326
80.00	-11.00	0.00308	80.00	-13.00	0.00293
80.00	-15.00	0.00281	80.00	-17.00	0.00269
80.00	-20.00	0.00253	80.00	-25.00	0.00227
80.00	-30.00	0.00203	80.00	-40.00	0.00161
80.00	-50.00	0.00130	80.00	-60.00	0.00106
80.00	-70.00	0.00088	80.00	-80.00	0.00074
80.00	-90.00	0.00063	80.00	-100.00	0.00054
90.00	100.00	0.00205	90.00	90.00	0.00238
90.00	80.00	0.00278	90.00	70.00	0.00327
90.00	60.00	0.00387	90.00	50.00	0.00458
90.00	40.00	0.00538	90.00	30.00	0.00620
90.00	25.00	0.00656	90.00	20.00	0.00684
90.00	17.00	0.00694	90.00	15.00	0.00698



01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
90.00	13.00	0.00700	90.00	11.00	0.00700	
90.00	9.00	0.00701	90.00	-9.00	0.00353	
90.00	-11.00	0.00336	90.00	-13.00	0.00321	
90.00	-15.00	0.00309	90.00	-17.00	0.00297	

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

17:49:44  
 \*\*MODELOPTs:  
 PAGE 56  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER IN MICROGRAMS/M**3      **						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
90.00	-20.00	0.00281	90.00	-25.00	0.00256	
90.00	-30.00	0.00232	90.00	-40.00	0.00188	
90.00	-50.00	0.00153	90.00	-60.00	0.00125	
90.00	-70.00	0.00102	90.00	-80.00	0.00085	
90.00	-90.00	0.00071	90.00	-100.00	0.00060	
100.00	100.00	0.00197	100.00	90.00	0.00228	
100.00	80.00	0.00267	100.00	70.00	0.00315	
100.00	60.00	0.00376	100.00	50.00	0.00450	
100.00	40.00	0.00537	100.00	30.00	0.00627	
100.00	25.00	0.00667	100.00	20.00	0.00698	
100.00	17.00	0.00711	100.00	15.00	0.00717	
100.00	13.00	0.00719	100.00	11.00	0.00720	
100.00	9.00	0.00720	100.00	-9.00	0.00373	
100.00	-11.00	0.00355	100.00	-13.00	0.00341	
100.00	-15.00	0.00328	100.00	-17.00	0.00317	
100.00	-20.00	0.00301	100.00	-25.00	0.00276	
100.00	-30.00	0.00253	100.00	-40.00	0.00210	
100.00	-50.00	0.00172	100.00	-60.00	0.00140	
100.00	-70.00	0.00115	100.00	-80.00	0.00095	
100.00	-90.00	0.00079	100.00	-100.00	0.00067	
110.00	100.00	0.00184	110.00	90.00	0.00213	
110.00	80.00	0.00249	110.00	70.00	0.00294	
110.00	60.00	0.00351	110.00	50.00	0.00423	
110.00	40.00	0.00510	110.00	30.00	0.00609	
110.00	25.00	0.00656	110.00	20.00	0.00695	
110.00	17.00	0.00713	110.00	15.00	0.00720	
110.00	13.00	0.00725	110.00	11.00	0.00728	
110.00	9.00	0.00730	110.00	-9.00	0.00385	
110.00	-11.00	0.00367	110.00	-13.00	0.00353	
110.00	-15.00	0.00341	110.00	-17.00	0.00329	









01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
200.00	-30.00	0.00090	200.00	-40.00	0.00089	
200.00	-50.00	0.00088	200.00	-60.00	0.00086	
200.00	-70.00	0.00082	200.00	-80.00	0.00078	
200.00	-90.00	0.00073	200.00	-100.00	0.00068	
210.00	100.00	0.00061	210.00	90.00	0.00065	
210.00	80.00	0.00069	210.00	70.00	0.00073	
210.00	60.00	0.00076	210.00	50.00	0.00078	
210.00	40.00	0.00080	210.00	30.00	0.00082	
210.00	25.00	0.00082	210.00	20.00	0.00083	
210.00	17.00	0.00083	210.00	15.00	0.00083	
210.00	13.00	0.00083	210.00	11.00	0.00083	
210.00	9.00	0.00082	210.00	-9.00	0.00076	
210.00	-11.00	0.00076	210.00	-13.00	0.00076	
210.00	-15.00	0.00076	210.00	-17.00	0.00076	
210.00	-20.00	0.00076	210.00	-25.00	0.00077	
210.00	-30.00	0.00077	210.00	-40.00	0.00077	
210.00	-50.00	0.00075	210.00	-60.00	0.00074	
210.00	-70.00	0.00072	210.00	-80.00	0.00069	
210.00	-90.00	0.00066	210.00	-100.00	0.00062	
220.00	100.00	0.00055	220.00	90.00	0.00059	
220.00	80.00	0.00062	220.00	70.00	0.00064	
220.00	60.00	0.00066	220.00	50.00	0.00068	
220.00	40.00	0.00069	220.00	30.00	0.00071	
220.00	25.00	0.00071	220.00	20.00	0.00072	
220.00	17.00	0.00072	220.00	15.00	0.00072	
220.00	13.00	0.00072	220.00	11.00	0.00071	
220.00	9.00	0.00071	220.00	-9.00	0.00066	
220.00	-11.00	0.00065	220.00	-13.00	0.00065	
220.00	-15.00	0.00065	220.00	-17.00	0.00065	
220.00	-20.00	0.00066	220.00	-25.00	0.00066	
220.00	-30.00	0.00067	220.00	-40.00	0.00067	
220.00	-50.00	0.00066	220.00	-60.00	0.00064	
220.00	-70.00	0.00063	220.00	-80.00	0.00061	
220.00	-90.00	0.00059	220.00	-100.00	0.00056	

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

17:49:44  
\*\*MODELOPTS:  
PAGE 61  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
230.00	100.00	0.00050	230.00	90.00	0.00053
230.00	80.00	0.00055	230.00	70.00	0.00057
230.00	60.00	0.00058	230.00	50.00	0.00060
230.00	40.00	0.00061	230.00	30.00	0.00062
230.00	25.00	0.00062	230.00	20.00	0.00063
230.00	17.00	0.00063	230.00	15.00	0.00062
230.00	13.00	0.00062	230.00	11.00	0.00062
230.00	9.00	0.00062	230.00	-9.00	0.00057
230.00	-11.00	0.00057	230.00	-13.00	0.00057
230.00	-15.00	0.00057	230.00	-17.00	0.00057
230.00	-20.00	0.00057	230.00	-25.00	0.00058
230.00	-30.00	0.00058	230.00	-40.00	0.00058
230.00	-50.00	0.00058	230.00	-60.00	0.00057
230.00	-70.00	0.00056	230.00	-80.00	0.00055
230.00	-90.00	0.00053	230.00	-100.00	0.00051
240.00	100.00	0.00046	240.00	90.00	0.00048
240.00	80.00	0.00049	240.00	70.00	0.00050
240.00	60.00	0.00052	240.00	50.00	0.00053
240.00	40.00	0.00054	240.00	30.00	0.00055
240.00	25.00	0.00055	240.00	20.00	0.00055
240.00	17.00	0.00055	240.00	15.00	0.00055
240.00	13.00	0.00055	240.00	11.00	0.00054
240.00	9.00	0.00054	240.00	-9.00	0.00050
240.00	-11.00	0.00050	240.00	-13.00	0.00050
240.00	-15.00	0.00050	240.00	-17.00	0.00050
240.00	-20.00	0.00050	240.00	-25.00	0.00051
240.00	-30.00	0.00051	240.00	-40.00	0.00051
240.00	-50.00	0.00051	240.00	-60.00	0.00050
240.00	-70.00	0.00049	240.00	-80.00	0.00048
240.00	-90.00	0.00048	240.00	-100.00	0.00046
250.00	100.00	0.00042	250.00	90.00	0.00043
250.00	80.00	0.00044	250.00	70.00	0.00045
250.00	60.00	0.00046	250.00	50.00	0.00047
250.00	40.00	0.00048	250.00	30.00	0.00049
250.00	25.00	0.00049	250.00	20.00	0.00049
250.00	17.00	0.00049	250.00	15.00	0.00049
250.00	13.00	0.00048	250.00	11.00	0.00048
250.00	9.00	0.00048	250.00	-9.00	0.00045
250.00	-11.00	0.00045	250.00	-13.00	0.00045
250.00	-15.00	0.00044	250.00	-17.00	0.00044

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

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

17:49:44  
\*\*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	0.00044	250.00	-25.00	0.00045
250.00	-30.00	0.00045	250.00	-40.00	0.00046
250.00	-50.00	0.00045	250.00	-60.00	0.00045
250.00	-70.00	0.00044	250.00	-80.00	0.00043
250.00	-90.00	0.00043	250.00	-100.00	0.00042

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



01NCRA_SR01-300_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	0.00006	-240.00	-25.00	0.00006
-240.00	-30.00	0.00006	-240.00	-40.00	0.00005
-240.00	-50.00	0.00005	-240.00	-60.00	0.00005
-240.00	-70.00	0.00005	-240.00	-80.00	0.00005
-240.00	-90.00	0.00005	-240.00	-100.00	0.00005
-230.00	100.00	0.00008	-230.00	90.00	0.00008
-230.00	80.00	0.00007	-230.00	70.00	0.00006
-230.00	60.00	0.00006	-230.00	50.00	0.00006
-230.00	40.00	0.00006	-230.00	30.00	0.00006
-230.00	25.00	0.00006	-230.00	20.00	0.00006
-230.00	17.00	0.00007	-230.00	15.00	0.00007
-230.00	13.00	0.00007	-230.00	11.00	0.00007
-230.00	9.00	0.00007	-230.00	-9.00	0.00007
-230.00	-11.00	0.00007	-230.00	-13.00	0.00007
-230.00	-15.00	0.00007	-230.00	-17.00	0.00007

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

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

17:49:44

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

01NCRA_SR01-300_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	0.00005
-210.00	100.00	0.00011	-210.00	90.00	0.00010
-210.00	80.00	0.00009	-210.00	70.00	0.00008
-210.00	60.00	0.00007	-210.00	50.00	0.00007
-210.00	40.00	0.00007	-210.00	30.00	0.00007
-210.00	25.00	0.00007	-210.00	20.00	0.00008
-210.00	17.00	0.00008	-210.00	15.00	0.00008
-210.00	13.00	0.00008	-210.00	11.00	0.00008
-210.00	9.00	0.00008	-210.00	-9.00	0.00008
-210.00	-11.00	0.00008	-210.00	-13.00	0.00008
-210.00	-15.00	0.00008	-210.00	-17.00	0.00008
-210.00	-20.00	0.00008	-210.00	-25.00	0.00008
-210.00	-30.00	0.00007	-210.00	-40.00	0.00007
-210.00	-50.00	0.00006	-210.00	-60.00	0.00006
-210.00	-70.00	0.00006	-210.00	-80.00	0.00006
-210.00	-90.00	0.00006	-210.00	-100.00	0.00006
-200.00	100.00	0.00012	-200.00	90.00	0.00011
-200.00	80.00	0.00010	-200.00	70.00	0.00009
-200.00	60.00	0.00008	-200.00	50.00	0.00008
-200.00	40.00	0.00008	-200.00	30.00	0.00008
-200.00	25.00	0.00008	-200.00	20.00	0.00008

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 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	0.00008	-200.00	15.00	0.00009
-200.00	13.00	0.00009	-200.00	11.00	0.00009
-200.00	9.00	0.00009	-200.00	-9.00	0.00009
-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	0.00008	-200.00	-25.00	0.00008
-200.00	-30.00	0.00008	-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	0.00014	-190.00	90.00	0.00013

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-190.00	80.00	0.00012	-190.00	70.00	0.00011	
-190.00	60.00	0.00009	-190.00	50.00	0.00009	
-190.00	40.00	0.00008	-190.00	30.00	0.00009	
-190.00	25.00	0.00009	-190.00	20.00	0.00009	
-190.00	17.00	0.00009	-190.00	15.00	0.00009	
-190.00	13.00	0.00009	-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	0.00009	
-190.00	-20.00	0.00009	-190.00	-25.00	0.00009	
-190.00	-30.00	0.00009	-190.00	-40.00	0.00008	
-190.00	-50.00	0.00008	-190.00	-60.00	0.00007	
-190.00	-70.00	0.00007	-190.00	-80.00	0.00007	
-190.00	-90.00	0.00007	-190.00	-100.00	0.00007	
-180.00	100.00	0.00016	-180.00	90.00	0.00015	
-180.00	80.00	0.00014	-180.00	70.00	0.00012	
-180.00	60.00	0.00011	-180.00	50.00	0.00010	
-180.00	40.00	0.00009	-180.00	30.00	0.00009	
-180.00	25.00	0.00010	-180.00	20.00	0.00010	
-180.00	17.00	0.00010	-180.00	15.00	0.00010	
-180.00	13.00	0.00010	-180.00	11.00	0.00011	
-180.00	9.00	0.00011	-180.00	-9.00	0.00011	
-180.00	-11.00	0.00011	-180.00	-13.00	0.00011	
-180.00	-15.00	0.00011	-180.00	-17.00	0.00010	
-180.00	-20.00	0.00010	-180.00	-25.00	0.00010	
-180.00	-30.00	0.00009	-180.00	-40.00	0.00009	
-180.00	-50.00	0.00008	-180.00	-60.00	0.00008	
-180.00	-70.00	0.00008	-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      \*\*\*

17:49:44

\*\*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	0.00019	-170.00	90.00	0.00017
-170.00	80.00	0.00016	-170.00	70.00	0.00015
-170.00	60.00	0.00013	-170.00	50.00	0.00011
-170.00	40.00	0.00011	-170.00	30.00	0.00010
-170.00	25.00	0.00011	-170.00	20.00	0.00011



01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-20.00	0.00014	-150.00	-25.00	0.00013
-150.00	-30.00	0.00012	-150.00	-40.00	0.00012
-150.00	-50.00	0.00012	-150.00	-60.00	0.00011
-150.00	-70.00	0.00011	-150.00	-80.00	0.00011
-150.00	-90.00	0.00010	-150.00	-100.00	0.00009
-140.00	100.00	0.00031	-140.00	90.00	0.00029
-140.00	80.00	0.00027	-140.00	70.00	0.00025
-140.00	60.00	0.00022	-140.00	50.00	0.00019
-140.00	40.00	0.00017	-140.00	30.00	0.00015
-140.00	25.00	0.00015	-140.00	20.00	0.00015
-140.00	17.00	0.00016	-140.00	15.00	0.00016
-140.00	13.00	0.00016	-140.00	11.00	0.00016
-140.00	9.00	0.00017	-140.00	-9.00	0.00017
-140.00	-11.00	0.00017	-140.00	-13.00	0.00016
-140.00	-15.00	0.00016	-140.00	-17.00	0.00016
-140.00	-20.00	0.00015	-140.00	-25.00	0.00014
-140.00	-30.00	0.00014	-140.00	-40.00	0.00013
-140.00	-50.00	0.00013	-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	0.00039	-130.00	90.00	0.00036
-130.00	80.00	0.00033	-130.00	70.00	0.00030
-130.00	60.00	0.00027	-130.00	50.00	0.00024
-130.00	40.00	0.00020	-130.00	30.00	0.00018
-130.00	25.00	0.00017	-130.00	20.00	0.00017
-130.00	17.00	0.00018	-130.00	15.00	0.00018
-130.00	13.00	0.00018	-130.00	11.00	0.00019
-130.00	9.00	0.00019	-130.00	-9.00	0.00019
-130.00	-11.00	0.00019	-130.00	-13.00	0.00019
-130.00	-15.00	0.00018	-130.00	-17.00	0.00018
-130.00	-20.00	0.00017	-130.00	-25.00	0.00016
-130.00	-30.00	0.00016	-130.00	-40.00	0.00015
-130.00	-50.00	0.00015	-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	0.00010
-120.00	100.00	0.00048	-120.00	90.00	0.00045
-120.00	80.00	0.00042	-120.00	70.00	0.00038
-120.00	60.00	0.00034	-120.00	50.00	0.00030
-120.00	40.00	0.00025	-120.00	30.00	0.00021
-120.00	25.00	0.00020	-120.00	20.00	0.00020

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:49:44  
\*\*MODELOPTS:  
PAGE 68

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00020	-120.00	15.00	0.00021
-120.00	13.00	0.00021	-120.00	11.00	0.00021
-120.00	9.00	0.00022	-120.00	-9.00	0.00022
-120.00	-11.00	0.00022	-120.00	-13.00	0.00021
-120.00	-15.00	0.00021	-120.00	-17.00	0.00020
-120.00	-20.00	0.00019	-120.00	-25.00	0.00019
-120.00	-30.00	0.00018	-120.00	-40.00	0.00017
-120.00	-50.00	0.00017	-120.00	-60.00	0.00016
-120.00	-70.00	0.00015	-120.00	-80.00	0.00013
-120.00	-90.00	0.00012	-120.00	-100.00	0.00011
-110.00	100.00	0.00059	-110.00	90.00	0.00057
-110.00	80.00	0.00054	-110.00	70.00	0.00049
-110.00	60.00	0.00044	-110.00	50.00	0.00038
-110.00	40.00	0.00032	-110.00	30.00	0.00027
-110.00	25.00	0.00025	-110.00	20.00	0.00024
-110.00	17.00	0.00024	-110.00	15.00	0.00024
-110.00	13.00	0.00024	-110.00	11.00	0.00025
-110.00	9.00	0.00025	-110.00	-9.00	0.00026
-110.00	-11.00	0.00025	-110.00	-13.00	0.00024
-110.00	-15.00	0.00024	-110.00	-17.00	0.00023
-110.00	-20.00	0.00022	-110.00	-25.00	0.00021
-110.00	-30.00	0.00021	-110.00	-40.00	0.00020
-110.00	-50.00	0.00019	-110.00	-60.00	0.00018
-110.00	-70.00	0.00016	-110.00	-80.00	0.00014
-110.00	-90.00	0.00013	-110.00	-100.00	0.00012
-100.00	100.00	0.00073	-100.00	90.00	0.00072
-100.00	80.00	0.00069	-100.00	70.00	0.00065
-100.00	60.00	0.00058	-100.00	50.00	0.00051
-100.00	40.00	0.00043	-100.00	30.00	0.00035
-100.00	25.00	0.00031	-100.00	20.00	0.00029
-100.00	17.00	0.00028	-100.00	15.00	0.00028
-100.00	13.00	0.00028	-100.00	11.00	0.00029
-100.00	9.00	0.00029	-100.00	-9.00	0.00030
-100.00	-11.00	0.00029	-100.00	-13.00	0.00028
-100.00	-15.00	0.00027	-100.00	-17.00	0.00026
-100.00	-20.00	0.00026	-100.00	-25.00	0.00025
-100.00	-30.00	0.00024	-100.00	-40.00	0.00023

-100.00	-50.00	01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound 0.00021	-100.00	-60.00	0.00019
-100.00	-70.00	0.00017	-100.00	-80.00	0.00016
-100.00	-90.00	0.00015	-100.00	-100.00	0.00014

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

17:49:44  
 \*\*MODELOPTs:  
 PAGE 69  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-90.00	100.00	0.00090	-90.00	90.00	0.00091
-90.00	80.00	0.00090	-90.00	70.00	0.00086
-90.00	60.00	0.00080	-90.00	50.00	0.00070
-90.00	40.00	0.00059	-90.00	30.00	0.00047
-90.00	25.00	0.00041	-90.00	20.00	0.00037
-90.00	17.00	0.00035	-90.00	15.00	0.00034
-90.00	13.00	0.00034	-90.00	11.00	0.00034
-90.00	9.00	0.00035	-90.00	-9.00	0.00035
-90.00	-11.00	0.00033	-90.00	-13.00	0.00032
-90.00	-15.00	0.00032	-90.00	-17.00	0.00031
-90.00	-20.00	0.00030	-90.00	-25.00	0.00029
-90.00	-30.00	0.00029	-90.00	-40.00	0.00027
-90.00	-50.00	0.00024	-90.00	-60.00	0.00021
-90.00	-70.00	0.00020	-90.00	-80.00	0.00019
-90.00	-90.00	0.00017	-90.00	-100.00	0.00016
-80.00	100.00	0.00109	-80.00	90.00	0.00112
-80.00	80.00	0.00115	-80.00	70.00	0.00115
-80.00	60.00	0.00111	-80.00	50.00	0.00101
-80.00	40.00	0.00086	-80.00	30.00	0.00067
-80.00	25.00	0.00058	-80.00	20.00	0.00050
-80.00	17.00	0.00046	-80.00	15.00	0.00044
-80.00	13.00	0.00043	-80.00	11.00	0.00042
-80.00	9.00	0.00042	-80.00	-9.00	0.00041
-80.00	-11.00	0.00039	-80.00	-13.00	0.00038
-80.00	-15.00	0.00037	-80.00	-17.00	0.00037
-80.00	-20.00	0.00036	-80.00	-25.00	0.00035
-80.00	-30.00	0.00033	-80.00	-40.00	0.00030
-80.00	-50.00	0.00027	-80.00	-60.00	0.00025
-80.00	-70.00	0.00023	-80.00	-80.00	0.00022
-80.00	-90.00	0.00020	-80.00	-100.00	0.00019
-70.00	100.00	0.00129	-70.00	90.00	0.00137

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-70.00	80.00	0.00144	-70.00	70.00	0.00149	
-70.00	60.00	0.00151	-70.00	50.00	0.00147	
-70.00	40.00	0.00133	-70.00	30.00	0.00107	
-70.00	25.00	0.00091	-70.00	20.00	0.00075	
-70.00	17.00	0.00067	-70.00	15.00	0.00062	
-70.00	13.00	0.00058	-70.00	11.00	0.00055	
-70.00	9.00	0.00053	-70.00	-9.00	0.00048	
-70.00	-11.00	0.00047	-70.00	-13.00	0.00046	
-70.00	-15.00	0.00045	-70.00	-17.00	0.00044	

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

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

17:49:44

\*\*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
-70.00	-20.00	0.00043	-70.00	-25.00	0.00041
-70.00	-30.00	0.00038	-70.00	-40.00	0.00035
-70.00	-50.00	0.00033	-70.00	-60.00	0.00030
-70.00	-70.00	0.00028	-70.00	-80.00	0.00025
-70.00	-90.00	0.00023	-70.00	-100.00	0.00021
-60.00	100.00	0.00150	-60.00	90.00	0.00163
-60.00	80.00	0.00176	-60.00	70.00	0.00189
-60.00	60.00	0.00200	-60.00	50.00	0.00206
-60.00	40.00	0.00203	-60.00	30.00	0.00182
-60.00	25.00	0.00162	-60.00	20.00	0.00135
-60.00	17.00	0.00117	-60.00	15.00	0.00105
-60.00	13.00	0.00094	-60.00	11.00	0.00084
-60.00	9.00	0.00077	-60.00	-9.00	0.00059
-60.00	-11.00	0.00057	-60.00	-13.00	0.00055
-60.00	-15.00	0.00054	-60.00	-17.00	0.00052
-60.00	-20.00	0.00050	-60.00	-25.00	0.00048
-60.00	-30.00	0.00047	-60.00	-40.00	0.00044
-60.00	-50.00	0.00040	-60.00	-60.00	0.00036
-60.00	-70.00	0.00033	-60.00	-80.00	0.00030
-60.00	-90.00	0.00028	-60.00	-100.00	0.00025
-50.00	100.00	0.00172	-50.00	90.00	0.00190
-50.00	80.00	0.00210	-50.00	70.00	0.00232
-50.00	60.00	0.00254	-50.00	50.00	0.00276
-50.00	40.00	0.00292	-50.00	30.00	0.00295
-50.00	25.00	0.00286	-50.00	20.00	0.00267



01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-50.00	17.00	0.00249	-50.00	15.00	0.00233	
-50.00	13.00	0.00216	-50.00	11.00	0.00195	
-50.00	9.00	0.00171	-50.00	-9.00	0.00074	
-50.00	-11.00	0.00071	-50.00	-13.00	0.00069	
-50.00	-15.00	0.00068	-50.00	-17.00	0.00067	
-50.00	-20.00	0.00065	-50.00	-25.00	0.00063	
-50.00	-30.00	0.00061	-50.00	-40.00	0.00056	
-50.00	-50.00	0.00051	-50.00	-60.00	0.00046	
-50.00	-70.00	0.00041	-50.00	-80.00	0.00037	
-50.00	-90.00	0.00033	-50.00	-100.00	0.00031	
-40.00	100.00	0.00189	-40.00	90.00	0.00213	
-40.00	80.00	0.00241	-40.00	70.00	0.00272	
-40.00	60.00	0.00306	-40.00	50.00	0.00344	
-40.00	40.00	0.00383	-40.00	30.00	0.00416	
-40.00	25.00	0.00428	-40.00	20.00	0.00433	

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
-40.00	17.00	0.00432	-40.00	15.00	0.00430
-40.00	13.00	0.00428	-40.00	11.00	0.00427
-40.00	9.00	0.00429	-40.00	-9.00	0.00138
-40.00	-11.00	0.00124	-40.00	-13.00	0.00115
-40.00	-15.00	0.00109	-40.00	-17.00	0.00104
-40.00	-20.00	0.00098	-40.00	-25.00	0.00091
-40.00	-30.00	0.00085	-40.00	-40.00	0.00075
-40.00	-50.00	0.00066	-40.00	-60.00	0.00057
-40.00	-70.00	0.00050	-40.00	-80.00	0.00045
-40.00	-90.00	0.00040	-40.00	-100.00	0.00036
-30.00	100.00	0.00202	-30.00	90.00	0.00230
-30.00	80.00	0.00263	-30.00	70.00	0.00302
-30.00	60.00	0.00345	-30.00	50.00	0.00394
-30.00	40.00	0.00447	-30.00	30.00	0.00499
-30.00	25.00	0.00520	-30.00	20.00	0.00537
-30.00	17.00	0.00544	-30.00	15.00	0.00548
-30.00	13.00	0.00550	-30.00	11.00	0.00553
-30.00	9.00	0.00557	-30.00	-9.00	0.00231
-30.00	-11.00	0.00212	-30.00	-13.00	0.00195

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-30.00	-15.00	0.00181	-30.00	-17.00	0.00169	
-30.00	-20.00	0.00154	-30.00	-25.00	0.00135	
-30.00	-30.00	0.00121	-30.00	-40.00	0.00099	
-30.00	-50.00	0.00083	-30.00	-60.00	0.00071	
-30.00	-70.00	0.00061	-30.00	-80.00	0.00054	
-30.00	-90.00	0.00047	-30.00	-100.00	0.00042	
-20.00	100.00	0.00209	-20.00	90.00	0.00240	
-20.00	80.00	0.00277	-20.00	70.00	0.00321	
-20.00	60.00	0.00372	-20.00	50.00	0.00429	
-20.00	40.00	0.00491	-20.00	30.00	0.00555	
-20.00	25.00	0.00584	-20.00	20.00	0.00608	
-20.00	17.00	0.00618	-20.00	15.00	0.00622	
-20.00	13.00	0.00623	-20.00	11.00	0.00624	
-20.00	9.00	0.00626	-20.00	-9.00	0.00288	
-20.00	-11.00	0.00269	-20.00	-13.00	0.00254	
-20.00	-15.00	0.00241	-20.00	-17.00	0.00228	
-20.00	-20.00	0.00211	-20.00	-25.00	0.00186	
-20.00	-30.00	0.00164	-20.00	-40.00	0.00130	
-20.00	-50.00	0.00105	-20.00	-60.00	0.00088	
-20.00	-70.00	0.00074	-20.00	-80.00	0.00064	
-20.00	-90.00	0.00055	-20.00	-100.00	0.00048	

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: 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	0.00210	-10.00	90.00	0.00242
-10.00	80.00	0.00282	-10.00	70.00	0.00329
-10.00	60.00	0.00386	-10.00	50.00	0.00450
-10.00	40.00	0.00521	-10.00	30.00	0.00595
-10.00	25.00	0.00629	-10.00	20.00	0.00655
-10.00	17.00	0.00664	-10.00	15.00	0.00668
-10.00	13.00	0.00670	-10.00	11.00	0.00670
-10.00	9.00	0.00670	-10.00	-9.00	0.00326
-10.00	-11.00	0.00308	-10.00	-13.00	0.00293
-10.00	-15.00	0.00281	-10.00	-17.00	0.00269
-10.00	-20.00	0.00253	-10.00	-25.00	0.00227
-10.00	-30.00	0.00203	-10.00	-40.00	0.00161
-10.00	-50.00	0.00130	-10.00	-60.00	0.00106

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-10.00	-70.00	0.00088	-10.00	-80.00	0.00074	
-10.00	-90.00	0.00063	-10.00	-100.00	0.00054	
0.00	100.00	0.00205	0.00	90.00	0.00238	
0.00	80.00	0.00278	0.00	70.00	0.00327	
0.00	60.00	0.00387	0.00	50.00	0.00458	
0.00	40.00	0.00538	0.00	30.00	0.00620	
0.00	25.00	0.00656	0.00	20.00	0.00684	
0.00	17.00	0.00694	0.00	15.00	0.00698	
0.00	13.00	0.00700	0.00	11.00	0.00700	
0.00	9.00	0.00701	0.00	-9.00	0.00353	
0.00	-11.00	0.00336	0.00	-13.00	0.00321	
0.00	-15.00	0.00309	0.00	-17.00	0.00297	
0.00	-20.00	0.00281	0.00	-25.00	0.00256	
0.00	-30.00	0.00232	0.00	-40.00	0.00188	
0.00	-50.00	0.00153	0.00	-60.00	0.00125	
0.00	-70.00	0.00102	0.00	-80.00	0.00085	
0.00	-90.00	0.00071	0.00	-100.00	0.00060	
10.00	100.00	0.00197	10.00	90.00	0.00228	
10.00	80.00	0.00267	10.00	70.00	0.00315	
10.00	60.00	0.00376	10.00	50.00	0.00450	
10.00	40.00	0.00537	10.00	30.00	0.00627	
10.00	25.00	0.00667	10.00	20.00	0.00698	
10.00	17.00	0.00711	10.00	15.00	0.00717	
10.00	13.00	0.00719	10.00	11.00	0.00720	
10.00	9.00	0.00720	10.00	-9.00	0.00373	
10.00	-11.00	0.00355	10.00	-13.00	0.00341	
10.00	-15.00	0.00328	10.00	-17.00	0.00317	

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

17:49:44

\*\*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	0.00301	10.00	-25.00	0.00276
10.00	-30.00	0.00253	10.00	-40.00	0.00210
10.00	-50.00	0.00172	10.00	-60.00	0.00140
10.00	-70.00	0.00115	10.00	-80.00	0.00095
10.00	-90.00	0.00079	10.00	-100.00	0.00067
20.00	100.00	0.00184	20.00	90.00	0.00213
20.00	80.00	0.00249	20.00	70.00	0.00294

01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	60.00	0.00351	20.00	50.00	0.00423
20.00	40.00	0.00510	20.00	30.00	0.00609
20.00	25.00	0.00656	20.00	20.00	0.00695
20.00	17.00	0.00713	20.00	15.00	0.00720
20.00	13.00	0.00725	20.00	11.00	0.00728
20.00	9.00	0.00730	20.00	-9.00	0.00385
20.00	-11.00	0.00367	20.00	-13.00	0.00353
20.00	-15.00	0.00341	20.00	-17.00	0.00329
20.00	-20.00	0.00314	20.00	-25.00	0.00290
20.00	-30.00	0.00268	20.00	-40.00	0.00225
20.00	-50.00	0.00186	20.00	-60.00	0.00152
20.00	-70.00	0.00125	20.00	-80.00	0.00104
20.00	-90.00	0.00087	20.00	-100.00	0.00073
30.00	100.00	0.00167	30.00	90.00	0.00193
30.00	80.00	0.00225	30.00	70.00	0.00265
30.00	60.00	0.00315	30.00	50.00	0.00378
30.00	40.00	0.00456	30.00	30.00	0.00550
30.00	25.00	0.00601	30.00	20.00	0.00653
30.00	17.00	0.00679	30.00	15.00	0.00694
30.00	13.00	0.00707	30.00	11.00	0.00716
30.00	9.00	0.00724	30.00	-9.00	0.00390
30.00	-11.00	0.00372	30.00	-13.00	0.00358
30.00	-15.00	0.00347	30.00	-17.00	0.00337
30.00	-20.00	0.00322	30.00	-25.00	0.00298
30.00	-30.00	0.00275	30.00	-40.00	0.00232
30.00	-50.00	0.00194	30.00	-60.00	0.00161
30.00	-70.00	0.00133	30.00	-80.00	0.00110
30.00	-90.00	0.00092	30.00	-100.00	0.00078
40.00	100.00	0.00149	40.00	90.00	0.00171
40.00	80.00	0.00197	40.00	70.00	0.00229
40.00	60.00	0.00269	40.00	50.00	0.00318
40.00	40.00	0.00378	40.00	30.00	0.00450
40.00	25.00	0.00491	40.00	20.00	0.00534

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

17:49:44  
 \*\*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	0.00560	40.00	15.00	0.00579

01NCRA SR01-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	13.00	0.00598	40.00	11.00	0.00619
40.00	9.00	0.00643	40.00	-9.00	0.00387
40.00	-11.00	0.00370	40.00	-13.00	0.00356
40.00	-15.00	0.00345	40.00	-17.00	0.00334
40.00	-20.00	0.00319	40.00	-25.00	0.00296
40.00	-30.00	0.00273	40.00	-40.00	0.00231
40.00	-50.00	0.00195	40.00	-60.00	0.00163
40.00	-70.00	0.00136	40.00	-80.00	0.00114
40.00	-90.00	0.00096	40.00	-100.00	0.00081
50.00	100.00	0.00131	50.00	90.00	0.00148
50.00	80.00	0.00169	50.00	70.00	0.00194
50.00	60.00	0.00223	50.00	50.00	0.00257
50.00	40.00	0.00296	50.00	30.00	0.00338
50.00	25.00	0.00359	50.00	20.00	0.00378
50.00	17.00	0.00387	50.00	15.00	0.00392
50.00	13.00	0.00396	50.00	11.00	0.00397
50.00	9.00	0.00395	50.00	-9.00	0.00331
50.00	-11.00	0.00326	50.00	-13.00	0.00319
50.00	-15.00	0.00313	50.00	-17.00	0.00306
50.00	-20.00	0.00296	50.00	-25.00	0.00277
50.00	-30.00	0.00258	50.00	-40.00	0.00222
50.00	-50.00	0.00189	50.00	-60.00	0.00161
50.00	-70.00	0.00136	50.00	-80.00	0.00115
50.00	-90.00	0.00097	50.00	-100.00	0.00083
60.00	100.00	0.00115	60.00	90.00	0.00129
60.00	80.00	0.00146	60.00	70.00	0.00165
60.00	60.00	0.00186	60.00	50.00	0.00210
60.00	40.00	0.00236	60.00	30.00	0.00262
60.00	25.00	0.00273	60.00	20.00	0.00280
60.00	17.00	0.00282	60.00	15.00	0.00282
60.00	13.00	0.00281	60.00	11.00	0.00278
60.00	9.00	0.00275	60.00	-9.00	0.00241
60.00	-11.00	0.00244	60.00	-13.00	0.00246
60.00	-15.00	0.00247	60.00	-17.00	0.00248
60.00	-20.00	0.00247	60.00	-25.00	0.00241
60.00	-30.00	0.00230	60.00	-40.00	0.00205
60.00	-50.00	0.00179	60.00	-60.00	0.00154
60.00	-70.00	0.00133	60.00	-80.00	0.00114
60.00	-90.00	0.00098	60.00	-100.00	0.00084

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

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

17:49:44  
 \*\*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	0.00102	70.00	90.00	0.00114
70.00	80.00	0.00127	70.00	70.00	0.00141
70.00	60.00	0.00158	70.00	50.00	0.00175
70.00	40.00	0.00193	70.00	30.00	0.00208
70.00	25.00	0.00213	70.00	20.00	0.00215
70.00	17.00	0.00214	70.00	15.00	0.00214
70.00	13.00	0.00213	70.00	11.00	0.00211
70.00	9.00	0.00210	70.00	-9.00	0.00189
70.00	-11.00	0.00190	70.00	-13.00	0.00191
70.00	-15.00	0.00192	70.00	-17.00	0.00193
70.00	-20.00	0.00194	70.00	-25.00	0.00195
70.00	-30.00	0.00192	70.00	-40.00	0.00180
70.00	-50.00	0.00162	70.00	-60.00	0.00144
70.00	-70.00	0.00126	70.00	-80.00	0.00110
70.00	-90.00	0.00096	70.00	-100.00	0.00083
80.00	100.00	0.00091	80.00	90.00	0.00101
80.00	80.00	0.00111	80.00	70.00	0.00123
80.00	60.00	0.00135	80.00	50.00	0.00148
80.00	40.00	0.00159	80.00	30.00	0.00167
80.00	25.00	0.00169	80.00	20.00	0.00169
80.00	17.00	0.00169	80.00	15.00	0.00169
80.00	13.00	0.00169	80.00	11.00	0.00169
80.00	9.00	0.00168	80.00	-9.00	0.00152
80.00	-11.00	0.00153	80.00	-13.00	0.00154
80.00	-15.00	0.00154	80.00	-17.00	0.00155
80.00	-20.00	0.00156	80.00	-25.00	0.00156
80.00	-30.00	0.00156	80.00	-40.00	0.00152
80.00	-50.00	0.00142	80.00	-60.00	0.00130
80.00	-70.00	0.00117	80.00	-80.00	0.00104
80.00	-90.00	0.00092	80.00	-100.00	0.00081
90.00	100.00	0.00082	90.00	90.00	0.00090
90.00	80.00	0.00098	90.00	70.00	0.00107
90.00	60.00	0.00116	90.00	50.00	0.00125
90.00	40.00	0.00132	90.00	30.00	0.00136
90.00	25.00	0.00137	90.00	20.00	0.00138
90.00	17.00	0.00138	90.00	15.00	0.00138
90.00	13.00	0.00138	90.00	11.00	0.00138
90.00	9.00	0.00137	90.00	-9.00	0.00125
90.00	-11.00	0.00126	90.00	-13.00	0.00126

90.00 -15.00 01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound 0.00127 90.00 -17.00 0.00127

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

17:49:44  
 \*\*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	0.00128	90.00	-25.00	0.00128
90.00	-30.00	0.00128	90.00	-40.00	0.00126
90.00	-50.00	0.00122	90.00	-60.00	0.00114
90.00	-70.00	0.00105	90.00	-80.00	0.00096
90.00	-90.00	0.00086	90.00	-100.00	0.00077
100.00	100.00	0.00074	100.00	90.00	0.00080
100.00	80.00	0.00087	100.00	70.00	0.00094
100.00	60.00	0.00101	100.00	50.00	0.00107
100.00	40.00	0.00111	100.00	30.00	0.00113
100.00	25.00	0.00114	100.00	20.00	0.00115
100.00	17.00	0.00115	100.00	15.00	0.00115
100.00	13.00	0.00115	100.00	11.00	0.00115
100.00	9.00	0.00114	100.00	-9.00	0.00105
100.00	-11.00	0.00105	100.00	-13.00	0.00105
100.00	-15.00	0.00105	100.00	-17.00	0.00106
100.00	-20.00	0.00106	100.00	-25.00	0.00107
100.00	-30.00	0.00107	100.00	-40.00	0.00106
100.00	-50.00	0.00103	100.00	-60.00	0.00099
100.00	-70.00	0.00094	100.00	-80.00	0.00087
100.00	-90.00	0.00080	100.00	-100.00	0.00073
110.00	100.00	0.00067	110.00	90.00	0.00072
110.00	80.00	0.00077	110.00	70.00	0.00083
110.00	60.00	0.00087	110.00	50.00	0.00091
110.00	40.00	0.00093	110.00	30.00	0.00095
110.00	25.00	0.00096	110.00	20.00	0.00097
110.00	17.00	0.00097	110.00	15.00	0.00097
110.00	13.00	0.00097	110.00	11.00	0.00097
110.00	9.00	0.00096	110.00	-9.00	0.00088
110.00	-11.00	0.00088	110.00	-13.00	0.00088
110.00	-15.00	0.00089	110.00	-17.00	0.00089
110.00	-20.00	0.00090	110.00	-25.00	0.00090
110.00	-30.00	0.00090	110.00	-40.00	0.00089
110.00	-50.00	0.00088	110.00	-60.00	0.00086

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
110.00	-70.00	0.00082	110.00	-80.00	0.00078	
110.00	-90.00	0.00073	110.00	-100.00	0.00068	
120.00	100.00	0.00061	120.00	90.00	0.00065	
120.00	80.00	0.00069	120.00	70.00	0.00073	
120.00	60.00	0.00076	120.00	50.00	0.00078	
120.00	40.00	0.00080	120.00	30.00	0.00082	
120.00	25.00	0.00082	120.00	20.00	0.00083	

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

17:49:44  
 \*\*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	
120.00	17.00	0.00083	120.00	15.00	0.00083	
120.00	13.00	0.00083	120.00	11.00	0.00083	
120.00	9.00	0.00082	120.00	-9.00	0.00076	
120.00	-11.00	0.00076	120.00	-13.00	0.00076	
120.00	-15.00	0.00076	120.00	-17.00	0.00076	
120.00	-20.00	0.00076	120.00	-25.00	0.00077	
120.00	-30.00	0.00077	120.00	-40.00	0.00077	
120.00	-50.00	0.00075	120.00	-60.00	0.00074	
120.00	-70.00	0.00072	120.00	-80.00	0.00069	
120.00	-90.00	0.00066	120.00	-100.00	0.00062	
130.00	100.00	0.00055	130.00	90.00	0.00059	
130.00	80.00	0.00062	130.00	70.00	0.00064	
130.00	60.00	0.00066	130.00	50.00	0.00068	
130.00	40.00	0.00069	130.00	30.00	0.00071	
130.00	25.00	0.00071	130.00	20.00	0.00072	
130.00	17.00	0.00072	130.00	15.00	0.00072	
130.00	13.00	0.00072	130.00	11.00	0.00071	
130.00	9.00	0.00071	130.00	-9.00	0.00066	
130.00	-11.00	0.00065	130.00	-13.00	0.00065	
130.00	-15.00	0.00065	130.00	-17.00	0.00065	
130.00	-20.00	0.00066	130.00	-25.00	0.00066	
130.00	-30.00	0.00067	130.00	-40.00	0.00067	
130.00	-50.00	0.00066	130.00	-60.00	0.00064	
130.00	-70.00	0.00063	130.00	-80.00	0.00061	
130.00	-90.00	0.00059	130.00	-100.00	0.00056	
140.00	100.00	0.00050	140.00	90.00	0.00053	
140.00	80.00	0.00055	140.00	70.00	0.00057	





01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
160.00	13.00	0.00048	160.00	11.00	0.00048	
160.00	9.00	0.00048	160.00	-9.00	0.00045	
160.00	-11.00	0.00045	160.00	-13.00	0.00045	
160.00	-15.00	0.00044	160.00	-17.00	0.00044	
160.00	-20.00	0.00044	160.00	-25.00	0.00045	
160.00	-30.00	0.00045	160.00	-40.00	0.00046	
160.00	-50.00	0.00045	160.00	-60.00	0.00045	
160.00	-70.00	0.00044	160.00	-80.00	0.00043	
160.00	-90.00	0.00043	160.00	-100.00	0.00042	
170.00	100.00	0.00038	170.00	90.00	0.00039	
170.00	80.00	0.00040	170.00	70.00	0.00041	
170.00	60.00	0.00041	170.00	50.00	0.00042	
170.00	40.00	0.00043	170.00	30.00	0.00043	
170.00	25.00	0.00044	170.00	20.00	0.00044	
170.00	17.00	0.00044	170.00	15.00	0.00043	
170.00	13.00	0.00043	170.00	11.00	0.00043	
170.00	9.00	0.00043	170.00	-9.00	0.00040	
170.00	-11.00	0.00040	170.00	-13.00	0.00040	
170.00	-15.00	0.00040	170.00	-17.00	0.00040	

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	0.00040	170.00	-25.00	0.00040
170.00	-30.00	0.00040	170.00	-40.00	0.00041
170.00	-50.00	0.00041	170.00	-60.00	0.00040
170.00	-70.00	0.00040	170.00	-80.00	0.00039
170.00	-90.00	0.00038	170.00	-100.00	0.00038
180.00	100.00	0.00034	180.00	90.00	0.00035
180.00	80.00	0.00036	180.00	70.00	0.00037
180.00	60.00	0.00037	180.00	50.00	0.00038
180.00	40.00	0.00039	180.00	30.00	0.00039
180.00	25.00	0.00039	180.00	20.00	0.00039
180.00	17.00	0.00039	180.00	15.00	0.00039
180.00	13.00	0.00039	180.00	11.00	0.00039
180.00	9.00	0.00038	180.00	-9.00	0.00036
180.00	-11.00	0.00036	180.00	-13.00	0.00036
180.00	-15.00	0.00036	180.00	-17.00	0.00036

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
180.00	-20.00	0.00036	180.00	-25.00	0.00036	
180.00	-30.00	0.00036	180.00	-40.00	0.00036	
180.00	-50.00	0.00037	180.00	-60.00	0.00036	
180.00	-70.00	0.00036	180.00	-80.00	0.00035	
180.00	-90.00	0.00035	180.00	-100.00	0.00034	
190.00	100.00	0.00031	190.00	90.00	0.00032	
190.00	80.00	0.00033	190.00	70.00	0.00033	
190.00	60.00	0.00034	190.00	50.00	0.00035	
190.00	40.00	0.00035	190.00	30.00	0.00035	
190.00	25.00	0.00035	190.00	20.00	0.00035	
190.00	17.00	0.00035	190.00	15.00	0.00035	
190.00	13.00	0.00035	190.00	11.00	0.00035	
190.00	9.00	0.00035	190.00	-9.00	0.00033	
190.00	-11.00	0.00032	190.00	-13.00	0.00032	
190.00	-15.00	0.00032	190.00	-17.00	0.00032	
190.00	-20.00	0.00032	190.00	-25.00	0.00032	
190.00	-30.00	0.00032	190.00	-40.00	0.00033	
190.00	-50.00	0.00033	190.00	-60.00	0.00033	
190.00	-70.00	0.00033	190.00	-80.00	0.00032	
190.00	-90.00	0.00032	190.00	-100.00	0.00031	
200.00	100.00	0.00029	200.00	90.00	0.00029	
200.00	80.00	0.00030	200.00	70.00	0.00031	
200.00	60.00	0.00031	200.00	50.00	0.00031	
200.00	40.00	0.00032	200.00	30.00	0.00032	
200.00	25.00	0.00032	200.00	20.00	0.00032	

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
200.00	17.00	0.00032	200.00	15.00	0.00032
200.00	13.00	0.00032	200.00	11.00	0.00032
200.00	9.00	0.00031	200.00	-9.00	0.00030
200.00	-11.00	0.00030	200.00	-13.00	0.00029
200.00	-15.00	0.00029	200.00	-17.00	0.00029
200.00	-20.00	0.00029	200.00	-25.00	0.00029
200.00	-30.00	0.00029	200.00	-40.00	0.00030
200.00	-50.00	0.00030	200.00	-60.00	0.00030
200.00	-70.00	0.00030	200.00	-80.00	0.00029



01NCRA_SR01-300_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	0.00024	
230.00	13.00	0.00024	230.00	11.00	0.00024	
230.00	9.00	0.00024	230.00	-9.00	0.00023	
230.00	-11.00	0.00023	230.00	-13.00	0.00023	
230.00	-15.00	0.00023	230.00	-17.00	0.00023	
230.00	-20.00	0.00023	230.00	-25.00	0.00023	
230.00	-30.00	0.00023	230.00	-40.00	0.00023	
230.00	-50.00	0.00023	230.00	-60.00	0.00023	
230.00	-70.00	0.00023	230.00	-80.00	0.00023	
230.00	-90.00	0.00023	230.00	-100.00	0.00022	
240.00	100.00	0.00021	240.00	90.00	0.00021	
240.00	80.00	0.00022	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	0.00022	240.00	11.00	0.00022	
240.00	9.00	0.00022	240.00	-9.00	0.00021	
240.00	-11.00	0.00021	240.00	-13.00	0.00021	
240.00	-15.00	0.00021	240.00	-17.00	0.00021	
240.00	-20.00	0.00021	240.00	-25.00	0.00021	
240.00	-30.00	0.00021	240.00	-40.00	0.00021	
240.00	-50.00	0.00021	240.00	-60.00	0.00021	
240.00	-70.00	0.00021	240.00	-80.00	0.00021	
240.00	-90.00	0.00021	240.00	-100.00	0.00021	
250.00	100.00	0.00020	250.00	90.00	0.00020	
250.00	80.00	0.00020	250.00	70.00	0.00021	
250.00	60.00	0.00021	250.00	50.00	0.00021	
250.00	40.00	0.00021	250.00	30.00	0.00021	
250.00	25.00	0.00021	250.00	20.00	0.00021	
250.00	17.00	0.00021	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	0.00020	
250.00	-11.00	0.00020	250.00	-13.00	0.00019	
250.00	-15.00	0.00019	250.00	-17.00	0.00019	

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

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

17:49:44  
 \*\*MODELOPTS:  
 PAGE 82

CONC                      URBAN FLAT    FLGPOL    DFAULT

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

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
250.00	-20.00	0.00019	250.00	-25.00	0.00019
250.00	-30.00	0.00019	250.00	-40.00	0.00019
250.00	-50.00	0.00020	250.00	-60.00	0.00020
250.00	-70.00	0.00020	250.00	-80.00	0.00020
250.00	-90.00	0.00020	250.00	-100.00	0.00019

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:49:44

\*\*MODELOPTs:

PAGE 83

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00022	-250.00	90.00	0.00020
-250.00	80.00	0.00019	-250.00	70.00	0.00017
-250.00	60.00	0.00015	-250.00	50.00	0.00013
-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	0.00013
-250.00	13.00	0.00013	-250.00	11.00	0.00013
-250.00	9.00	0.00013	-250.00	-9.00	0.00013
-250.00	-11.00	0.00013	-250.00	-13.00	0.00013
-250.00	-15.00	0.00013	-250.00	-17.00	0.00013
-250.00	-20.00	0.00012	-250.00	-25.00	0.00012
-250.00	-30.00	0.00011	-250.00	-40.00	0.00011
-250.00	-50.00	0.00010	-250.00	-60.00	0.00010
-250.00	-70.00	0.00010	-250.00	-80.00	0.00010
-250.00	-90.00	0.00009	-250.00	-100.00	0.00009
-240.00	100.00	0.00026	-240.00	90.00	0.00024
-240.00	80.00	0.00023	-240.00	70.00	0.00021
-240.00	60.00	0.00018	-240.00	50.00	0.00016
-240.00	40.00	0.00014	-240.00	30.00	0.00013
-240.00	25.00	0.00013	-240.00	20.00	0.00014
-240.00	17.00	0.00014	-240.00	15.00	0.00014
-240.00	13.00	0.00014	-240.00	11.00	0.00015
-240.00	9.00	0.00015	-240.00	-9.00	0.00015
-240.00	-11.00	0.00015	-240.00	-13.00	0.00015
-240.00	-15.00	0.00014	-240.00	-17.00	0.00014
-240.00	-20.00	0.00014	-240.00	-25.00	0.00013

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-240.00	-30.00	0.00012	-240.00	-40.00	0.00012
-240.00	-50.00	0.00012	-240.00	-60.00	0.00011
-240.00	-70.00	0.00011	-240.00	-80.00	0.00011
-240.00	-90.00	0.00010	-240.00	-100.00	0.00009
-230.00	100.00	0.00031	-230.00	90.00	0.00029
-230.00	80.00	0.00027	-230.00	70.00	0.00025
-230.00	60.00	0.00022	-230.00	50.00	0.00019
-230.00	40.00	0.00017	-230.00	30.00	0.00015
-230.00	25.00	0.00015	-230.00	20.00	0.00015
-230.00	17.00	0.00016	-230.00	15.00	0.00016
-230.00	13.00	0.00016	-230.00	11.00	0.00016
-230.00	9.00	0.00017	-230.00	-9.00	0.00017
-230.00	-11.00	0.00017	-230.00	-13.00	0.00016
-230.00	-15.00	0.00016	-230.00	-17.00	0.00016

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

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

17:49:44

\*\*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
-230.00	-20.00	0.00015	-230.00	-25.00	0.00014
-230.00	-30.00	0.00014	-230.00	-40.00	0.00013
-230.00	-50.00	0.00013	-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	0.00039	-220.00	90.00	0.00036
-220.00	80.00	0.00033	-220.00	70.00	0.00030
-220.00	60.00	0.00027	-220.00	50.00	0.00024
-220.00	40.00	0.00020	-220.00	30.00	0.00018
-220.00	25.00	0.00017	-220.00	20.00	0.00017
-220.00	17.00	0.00018	-220.00	15.00	0.00018
-220.00	13.00	0.00018	-220.00	11.00	0.00019
-220.00	9.00	0.00019	-220.00	-9.00	0.00019
-220.00	-11.00	0.00019	-220.00	-13.00	0.00019
-220.00	-15.00	0.00018	-220.00	-17.00	0.00018
-220.00	-20.00	0.00017	-220.00	-25.00	0.00016
-220.00	-30.00	0.00016	-220.00	-40.00	0.00015
-220.00	-50.00	0.00015	-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	0.00010

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-210.00	100.00	0.00048	-210.00	90.00	0.00045
-210.00	80.00	0.00042	-210.00	70.00	0.00038
-210.00	60.00	0.00034	-210.00	50.00	0.00030
-210.00	40.00	0.00025	-210.00	30.00	0.00021
-210.00	25.00	0.00020	-210.00	20.00	0.00020
-210.00	17.00	0.00020	-210.00	15.00	0.00021
-210.00	13.00	0.00021	-210.00	11.00	0.00021
-210.00	9.00	0.00022	-210.00	-9.00	0.00022
-210.00	-11.00	0.00022	-210.00	-13.00	0.00021
-210.00	-15.00	0.00021	-210.00	-17.00	0.00020
-210.00	-20.00	0.00019	-210.00	-25.00	0.00019
-210.00	-30.00	0.00018	-210.00	-40.00	0.00017
-210.00	-50.00	0.00017	-210.00	-60.00	0.00016
-210.00	-70.00	0.00015	-210.00	-80.00	0.00013
-210.00	-90.00	0.00012	-210.00	-100.00	0.00011
-200.00	100.00	0.00059	-200.00	90.00	0.00057
-200.00	80.00	0.00054	-200.00	70.00	0.00049
-200.00	60.00	0.00044	-200.00	50.00	0.00038
-200.00	40.00	0.00032	-200.00	30.00	0.00027
-200.00	25.00	0.00025	-200.00	20.00	0.00024

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

17:49:44  
 \*\*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	0.00024	-200.00	15.00	0.00024
-200.00	13.00	0.00024	-200.00	11.00	0.00025
-200.00	9.00	0.00025	-200.00	-9.00	0.00026
-200.00	-11.00	0.00025	-200.00	-13.00	0.00024
-200.00	-15.00	0.00024	-200.00	-17.00	0.00023
-200.00	-20.00	0.00022	-200.00	-25.00	0.00021
-200.00	-30.00	0.00021	-200.00	-40.00	0.00020
-200.00	-50.00	0.00019	-200.00	-60.00	0.00018
-200.00	-70.00	0.00016	-200.00	-80.00	0.00014
-200.00	-90.00	0.00013	-200.00	-100.00	0.00012
-190.00	100.00	0.00073	-190.00	90.00	0.00072
-190.00	80.00	0.00069	-190.00	70.00	0.00065
-190.00	60.00	0.00058	-190.00	50.00	0.00051
-190.00	40.00	0.00043	-190.00	30.00	0.00035



01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-190.00	25.00	0.00031	-190.00	20.00	0.00029
-190.00	17.00	0.00028	-190.00	15.00	0.00028
-190.00	13.00	0.00028	-190.00	11.00	0.00029
-190.00	9.00	0.00029	-190.00	-9.00	0.00030
-190.00	-11.00	0.00029	-190.00	-13.00	0.00028
-190.00	-15.00	0.00027	-190.00	-17.00	0.00026
-190.00	-20.00	0.00026	-190.00	-25.00	0.00025
-190.00	-30.00	0.00024	-190.00	-40.00	0.00023
-190.00	-50.00	0.00021	-190.00	-60.00	0.00019
-190.00	-70.00	0.00017	-190.00	-80.00	0.00016
-190.00	-90.00	0.00015	-190.00	-100.00	0.00014
-180.00	100.00	0.00090	-180.00	90.00	0.00091
-180.00	80.00	0.00090	-180.00	70.00	0.00086
-180.00	60.00	0.00080	-180.00	50.00	0.00070
-180.00	40.00	0.00059	-180.00	30.00	0.00047
-180.00	25.00	0.00041	-180.00	20.00	0.00037
-180.00	17.00	0.00035	-180.00	15.00	0.00034
-180.00	13.00	0.00034	-180.00	11.00	0.00034
-180.00	9.00	0.00035	-180.00	-9.00	0.00035
-180.00	-11.00	0.00033	-180.00	-13.00	0.00032
-180.00	-15.00	0.00032	-180.00	-17.00	0.00031
-180.00	-20.00	0.00030	-180.00	-25.00	0.00029
-180.00	-30.00	0.00029	-180.00	-40.00	0.00027
-180.00	-50.00	0.00024	-180.00	-60.00	0.00021
-180.00	-70.00	0.00020	-180.00	-80.00	0.00019
-180.00	-90.00	0.00017	-180.00	-100.00	0.00016

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

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

17:49:44

\*\*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	0.00109	-170.00	90.00	0.00112
-170.00	80.00	0.00115	-170.00	70.00	0.00115
-170.00	60.00	0.00111	-170.00	50.00	0.00101
-170.00	40.00	0.00086	-170.00	30.00	0.00067
-170.00	25.00	0.00058	-170.00	20.00	0.00050
-170.00	17.00	0.00046	-170.00	15.00	0.00044
-170.00	13.00	0.00043	-170.00	11.00	0.00042
-170.00	9.00	0.00042	-170.00	-9.00	0.00041

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-170.00	-11.00	0.00039	-170.00	-13.00	0.00038
-170.00	-15.00	0.00037	-170.00	-17.00	0.00037
-170.00	-20.00	0.00036	-170.00	-25.00	0.00035
-170.00	-30.00	0.00033	-170.00	-40.00	0.00030
-170.00	-50.00	0.00027	-170.00	-60.00	0.00025
-170.00	-70.00	0.00023	-170.00	-80.00	0.00022
-170.00	-90.00	0.00020	-170.00	-100.00	0.00019
-160.00	100.00	0.00129	-160.00	90.00	0.00137
-160.00	80.00	0.00144	-160.00	70.00	0.00149
-160.00	60.00	0.00151	-160.00	50.00	0.00147
-160.00	40.00	0.00133	-160.00	30.00	0.00107
-160.00	25.00	0.00091	-160.00	20.00	0.00075
-160.00	17.00	0.00067	-160.00	15.00	0.00062
-160.00	13.00	0.00058	-160.00	11.00	0.00055
-160.00	9.00	0.00053	-160.00	-9.00	0.00048
-160.00	-11.00	0.00047	-160.00	-13.00	0.00046
-160.00	-15.00	0.00045	-160.00	-17.00	0.00044
-160.00	-20.00	0.00043	-160.00	-25.00	0.00041
-160.00	-30.00	0.00038	-160.00	-40.00	0.00035
-160.00	-50.00	0.00033	-160.00	-60.00	0.00030
-160.00	-70.00	0.00028	-160.00	-80.00	0.00025
-160.00	-90.00	0.00023	-160.00	-100.00	0.00021
-150.00	100.00	0.00150	-150.00	90.00	0.00163
-150.00	80.00	0.00176	-150.00	70.00	0.00189
-150.00	60.00	0.00200	-150.00	50.00	0.00206
-150.00	40.00	0.00203	-150.00	30.00	0.00182
-150.00	25.00	0.00162	-150.00	20.00	0.00135
-150.00	17.00	0.00117	-150.00	15.00	0.00105
-150.00	13.00	0.00094	-150.00	11.00	0.00084
-150.00	9.00	0.00077	-150.00	-9.00	0.00059
-150.00	-11.00	0.00057	-150.00	-13.00	0.00055
-150.00	-15.00	0.00054	-150.00	-17.00	0.00052

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

17:49:44  
 \*\*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	0.00050	-150.00	-25.00	0.00048
-150.00	-30.00	0.00047	-150.00	-40.00	0.00044

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-150.00	-50.00	0.00040	-150.00	-60.00	0.00036
-150.00	-70.00	0.00033	-150.00	-80.00	0.00030
-150.00	-90.00	0.00028	-150.00	-100.00	0.00025
-140.00	100.00	0.00172	-140.00	90.00	0.00190
-140.00	80.00	0.00210	-140.00	70.00	0.00232
-140.00	60.00	0.00254	-140.00	50.00	0.00276
-140.00	40.00	0.00292	-140.00	30.00	0.00295
-140.00	25.00	0.00286	-140.00	20.00	0.00267
-140.00	17.00	0.00249	-140.00	15.00	0.00233
-140.00	13.00	0.00216	-140.00	11.00	0.00195
-140.00	9.00	0.00171	-140.00	-9.00	0.00074
-140.00	-11.00	0.00071	-140.00	-13.00	0.00069
-140.00	-15.00	0.00068	-140.00	-17.00	0.00067
-140.00	-20.00	0.00065	-140.00	-25.00	0.00063
-140.00	-30.00	0.00061	-140.00	-40.00	0.00056
-140.00	-50.00	0.00051	-140.00	-60.00	0.00046
-140.00	-70.00	0.00041	-140.00	-80.00	0.00037
-140.00	-90.00	0.00033	-140.00	-100.00	0.00031
-130.00	100.00	0.00189	-130.00	90.00	0.00213
-130.00	80.00	0.00241	-130.00	70.00	0.00272
-130.00	60.00	0.00306	-130.00	50.00	0.00344
-130.00	40.00	0.00383	-130.00	30.00	0.00416
-130.00	25.00	0.00428	-130.00	20.00	0.00433
-130.00	17.00	0.00432	-130.00	15.00	0.00430
-130.00	13.00	0.00428	-130.00	11.00	0.00427
-130.00	9.00	0.00429	-130.00	-9.00	0.00138
-130.00	-11.00	0.00124	-130.00	-13.00	0.00115
-130.00	-15.00	0.00109	-130.00	-17.00	0.00104
-130.00	-20.00	0.00098	-130.00	-25.00	0.00091
-130.00	-30.00	0.00085	-130.00	-40.00	0.00075
-130.00	-50.00	0.00066	-130.00	-60.00	0.00057
-130.00	-70.00	0.00050	-130.00	-80.00	0.00045
-130.00	-90.00	0.00040	-130.00	-100.00	0.00036
-120.00	100.00	0.00202	-120.00	90.00	0.00230
-120.00	80.00	0.00263	-120.00	70.00	0.00302
-120.00	60.00	0.00345	-120.00	50.00	0.00394
-120.00	40.00	0.00447	-120.00	30.00	0.00499
-120.00	25.00	0.00520	-120.00	20.00	0.00537

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

17:49:44  
 \*\*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 ,  
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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	0.00544	-120.00	15.00	0.00548	
-120.00	13.00	0.00550	-120.00	11.00	0.00553	
-120.00	9.00	0.00557	-120.00	-9.00	0.00231	
-120.00	-11.00	0.00212	-120.00	-13.00	0.00195	
-120.00	-15.00	0.00181	-120.00	-17.00	0.00169	
-120.00	-20.00	0.00154	-120.00	-25.00	0.00135	
-120.00	-30.00	0.00121	-120.00	-40.00	0.00099	
-120.00	-50.00	0.00083	-120.00	-60.00	0.00071	
-120.00	-70.00	0.00061	-120.00	-80.00	0.00054	
-120.00	-90.00	0.00047	-120.00	-100.00	0.00042	
-110.00	100.00	0.00209	-110.00	90.00	0.00240	
-110.00	80.00	0.00277	-110.00	70.00	0.00321	
-110.00	60.00	0.00372	-110.00	50.00	0.00429	
-110.00	40.00	0.00491	-110.00	30.00	0.00555	
-110.00	25.00	0.00584	-110.00	20.00	0.00608	
-110.00	17.00	0.00618	-110.00	15.00	0.00622	
-110.00	13.00	0.00623	-110.00	11.00	0.00624	
-110.00	9.00	0.00626	-110.00	-9.00	0.00288	
-110.00	-11.00	0.00269	-110.00	-13.00	0.00254	
-110.00	-15.00	0.00241	-110.00	-17.00	0.00228	
-110.00	-20.00	0.00211	-110.00	-25.00	0.00186	
-110.00	-30.00	0.00164	-110.00	-40.00	0.00130	
-110.00	-50.00	0.00105	-110.00	-60.00	0.00088	
-110.00	-70.00	0.00074	-110.00	-80.00	0.00064	
-110.00	-90.00	0.00055	-110.00	-100.00	0.00048	
-100.00	100.00	0.00210	-100.00	90.00	0.00242	
-100.00	80.00	0.00282	-100.00	70.00	0.00329	
-100.00	60.00	0.00386	-100.00	50.00	0.00450	
-100.00	40.00	0.00521	-100.00	30.00	0.00595	
-100.00	25.00	0.00629	-100.00	20.00	0.00655	
-100.00	17.00	0.00664	-100.00	15.00	0.00668	
-100.00	13.00	0.00670	-100.00	11.00	0.00670	
-100.00	9.00	0.00670	-100.00	-9.00	0.00326	
-100.00	-11.00	0.00308	-100.00	-13.00	0.00293	
-100.00	-15.00	0.00281	-100.00	-17.00	0.00269	
-100.00	-20.00	0.00253	-100.00	-25.00	0.00227	
-100.00	-30.00	0.00203	-100.00	-40.00	0.00161	
-100.00	-50.00	0.00130	-100.00	-60.00	0.00106	
-100.00	-70.00	0.00088	-100.00	-80.00	0.00074	
-100.00	-90.00	0.00063	-100.00	-100.00	0.00054	

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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
-90.00	100.00	0.00205	-90.00	90.00	0.00238
-90.00	80.00	0.00278	-90.00	70.00	0.00327
-90.00	60.00	0.00387	-90.00	50.00	0.00458
-90.00	40.00	0.00538	-90.00	30.00	0.00620
-90.00	25.00	0.00656	-90.00	20.00	0.00684
-90.00	17.00	0.00694	-90.00	15.00	0.00698
-90.00	13.00	0.00700	-90.00	11.00	0.00700
-90.00	9.00	0.00701	-90.00	-9.00	0.00353
-90.00	-11.00	0.00336	-90.00	-13.00	0.00321
-90.00	-15.00	0.00309	-90.00	-17.00	0.00297
-90.00	-20.00	0.00281	-90.00	-25.00	0.00256
-90.00	-30.00	0.00232	-90.00	-40.00	0.00188
-90.00	-50.00	0.00153	-90.00	-60.00	0.00125
-90.00	-70.00	0.00102	-90.00	-80.00	0.00085
-90.00	-90.00	0.00071	-90.00	-100.00	0.00060
-80.00	100.00	0.00197	-80.00	90.00	0.00228
-80.00	80.00	0.00267	-80.00	70.00	0.00315
-80.00	60.00	0.00376	-80.00	50.00	0.00450
-80.00	40.00	0.00537	-80.00	30.00	0.00627
-80.00	25.00	0.00667	-80.00	20.00	0.00698
-80.00	17.00	0.00711	-80.00	15.00	0.00717
-80.00	13.00	0.00719	-80.00	11.00	0.00720
-80.00	9.00	0.00720	-80.00	-9.00	0.00373
-80.00	-11.00	0.00355	-80.00	-13.00	0.00341
-80.00	-15.00	0.00328	-80.00	-17.00	0.00317
-80.00	-20.00	0.00301	-80.00	-25.00	0.00276
-80.00	-30.00	0.00253	-80.00	-40.00	0.00210
-80.00	-50.00	0.00172	-80.00	-60.00	0.00140
-80.00	-70.00	0.00115	-80.00	-80.00	0.00095
-80.00	-90.00	0.00079	-80.00	-100.00	0.00067
-70.00	100.00	0.00184	-70.00	90.00	0.00213
-70.00	80.00	0.00249	-70.00	70.00	0.00294
-70.00	60.00	0.00351	-70.00	50.00	0.00423
-70.00	40.00	0.00510	-70.00	30.00	0.00609

-70.00	25.00	01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound 0.00656	-70.00	20.00	0.00695
-70.00	17.00	0.00713	-70.00	15.00	0.00720
-70.00	13.00	0.00725	-70.00	11.00	0.00728
-70.00	9.00	0.00730	-70.00	-9.00	0.00385
-70.00	-11.00	0.00367	-70.00	-13.00	0.00353
-70.00	-15.00	0.00341	-70.00	-17.00	0.00329

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\_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	0.00314	-70.00	-25.00	0.00290
-70.00	-30.00	0.00268	-70.00	-40.00	0.00225
-70.00	-50.00	0.00186	-70.00	-60.00	0.00152
-70.00	-70.00	0.00125	-70.00	-80.00	0.00104
-70.00	-90.00	0.00087	-70.00	-100.00	0.00073
-60.00	100.00	0.00167	-60.00	90.00	0.00193
-60.00	80.00	0.00225	-60.00	70.00	0.00265
-60.00	60.00	0.00315	-60.00	50.00	0.00378
-60.00	40.00	0.00456	-60.00	30.00	0.00550
-60.00	25.00	0.00601	-60.00	20.00	0.00653
-60.00	17.00	0.00679	-60.00	15.00	0.00694
-60.00	13.00	0.00707	-60.00	11.00	0.00716
-60.00	9.00	0.00724	-60.00	-9.00	0.00390
-60.00	-11.00	0.00372	-60.00	-13.00	0.00358
-60.00	-15.00	0.00347	-60.00	-17.00	0.00337
-60.00	-20.00	0.00322	-60.00	-25.00	0.00298
-60.00	-30.00	0.00275	-60.00	-40.00	0.00232
-60.00	-50.00	0.00194	-60.00	-60.00	0.00161
-60.00	-70.00	0.00133	-60.00	-80.00	0.00110
-60.00	-90.00	0.00092	-60.00	-100.00	0.00078
-50.00	100.00	0.00149	-50.00	90.00	0.00171
-50.00	80.00	0.00197	-50.00	70.00	0.00229
-50.00	60.00	0.00269	-50.00	50.00	0.00318
-50.00	40.00	0.00378	-50.00	30.00	0.00450
-50.00	25.00	0.00491	-50.00	20.00	0.00534
-50.00	17.00	0.00560	-50.00	15.00	0.00579
-50.00	13.00	0.00598	-50.00	11.00	0.00619
-50.00	9.00	0.00643	-50.00	-9.00	0.00387

X-Coord (M)	Y-Coord (M)	Concentration	X-Coord (M)	Y-Coord (M)	Concentration
-50.00	-11.00	0.00370	-50.00	-13.00	0.00356
-50.00	-15.00	0.00345	-50.00	-17.00	0.00334
-50.00	-20.00	0.00319	-50.00	-25.00	0.00296
-50.00	-30.00	0.00273	-50.00	-40.00	0.00231
-50.00	-50.00	0.00195	-50.00	-60.00	0.00163
-50.00	-70.00	0.00136	-50.00	-80.00	0.00114
-50.00	-90.00	0.00096	-50.00	-100.00	0.00081
-40.00	100.00	0.00131	-40.00	90.00	0.00148
-40.00	80.00	0.00169	-40.00	70.00	0.00194
-40.00	60.00	0.00223	-40.00	50.00	0.00257
-40.00	40.00	0.00296	-40.00	30.00	0.00338
-40.00	25.00	0.00359	-40.00	20.00	0.00378

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

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

17:49:44  
 \*\*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	0.00387	-40.00	15.00	0.00392
-40.00	13.00	0.00396	-40.00	11.00	0.00397
-40.00	9.00	0.00395	-40.00	-9.00	0.00331
-40.00	-11.00	0.00326	-40.00	-13.00	0.00319
-40.00	-15.00	0.00313	-40.00	-17.00	0.00306
-40.00	-20.00	0.00296	-40.00	-25.00	0.00277
-40.00	-30.00	0.00258	-40.00	-40.00	0.00222
-40.00	-50.00	0.00189	-40.00	-60.00	0.00161
-40.00	-70.00	0.00136	-40.00	-80.00	0.00115
-40.00	-90.00	0.00097	-40.00	-100.00	0.00083
-30.00	100.00	0.00115	-30.00	90.00	0.00129
-30.00	80.00	0.00146	-30.00	70.00	0.00165
-30.00	60.00	0.00186	-30.00	50.00	0.00210
-30.00	40.00	0.00236	-30.00	30.00	0.00262
-30.00	25.00	0.00273	-30.00	20.00	0.00280
-30.00	17.00	0.00282	-30.00	15.00	0.00282
-30.00	13.00	0.00281	-30.00	11.00	0.00278
-30.00	9.00	0.00275	-30.00	-9.00	0.00241
-30.00	-11.00	0.00244	-30.00	-13.00	0.00246
-30.00	-15.00	0.00247	-30.00	-17.00	0.00248
-30.00	-20.00	0.00247	-30.00	-25.00	0.00241
-30.00	-30.00	0.00230	-30.00	-40.00	0.00205

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-30.00	-50.00	0.00179	-30.00	-60.00	0.00154	
-30.00	-70.00	0.00133	-30.00	-80.00	0.00114	
-30.00	-90.00	0.00098	-30.00	-100.00	0.00084	
-20.00	100.00	0.00102	-20.00	90.00	0.00114	
-20.00	80.00	0.00127	-20.00	70.00	0.00141	
-20.00	60.00	0.00158	-20.00	50.00	0.00175	
-20.00	40.00	0.00193	-20.00	30.00	0.00208	
-20.00	25.00	0.00213	-20.00	20.00	0.00215	
-20.00	17.00	0.00214	-20.00	15.00	0.00214	
-20.00	13.00	0.00213	-20.00	11.00	0.00211	
-20.00	9.00	0.00210	-20.00	-9.00	0.00189	
-20.00	-11.00	0.00190	-20.00	-13.00	0.00191	
-20.00	-15.00	0.00192	-20.00	-17.00	0.00193	
-20.00	-20.00	0.00194	-20.00	-25.00	0.00195	
-20.00	-30.00	0.00192	-20.00	-40.00	0.00180	
-20.00	-50.00	0.00162	-20.00	-60.00	0.00144	
-20.00	-70.00	0.00126	-20.00	-80.00	0.00110	
-20.00	-90.00	0.00096	-20.00	-100.00	0.00083	

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

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

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00091	-10.00	90.00	0.00101
-10.00	80.00	0.00111	-10.00	70.00	0.00123
-10.00	60.00	0.00135	-10.00	50.00	0.00148
-10.00	40.00	0.00159	-10.00	30.00	0.00167
-10.00	25.00	0.00169	-10.00	20.00	0.00169
-10.00	17.00	0.00169	-10.00	15.00	0.00169
-10.00	13.00	0.00169	-10.00	11.00	0.00169
-10.00	9.00	0.00168	-10.00	-9.00	0.00152
-10.00	-11.00	0.00153	-10.00	-13.00	0.00154
-10.00	-15.00	0.00154	-10.00	-17.00	0.00155
-10.00	-20.00	0.00156	-10.00	-25.00	0.00156
-10.00	-30.00	0.00156	-10.00	-40.00	0.00152
-10.00	-50.00	0.00142	-10.00	-60.00	0.00130
-10.00	-70.00	0.00117	-10.00	-80.00	0.00104
-10.00	-90.00	0.00092	-10.00	-100.00	0.00081
0.00	100.00	0.00082	0.00	90.00	0.00090



01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
0.00	80.00	0.00098	0.00	70.00	0.00107	
0.00	60.00	0.00116	0.00	50.00	0.00125	
0.00	40.00	0.00132	0.00	30.00	0.00136	
0.00	25.00	0.00137	0.00	20.00	0.00138	
0.00	17.00	0.00138	0.00	15.00	0.00138	
0.00	13.00	0.00138	0.00	11.00	0.00138	
0.00	9.00	0.00137	0.00	-9.00	0.00125	
0.00	-11.00	0.00126	0.00	-13.00	0.00126	
0.00	-15.00	0.00127	0.00	-17.00	0.00127	
0.00	-20.00	0.00128	0.00	-25.00	0.00128	
0.00	-30.00	0.00128	0.00	-40.00	0.00126	
0.00	-50.00	0.00122	0.00	-60.00	0.00114	
0.00	-70.00	0.00105	0.00	-80.00	0.00096	
0.00	-90.00	0.00086	0.00	-100.00	0.00077	
10.00	100.00	0.00074	10.00	90.00	0.00080	
10.00	80.00	0.00087	10.00	70.00	0.00094	
10.00	60.00	0.00101	10.00	50.00	0.00107	
10.00	40.00	0.00111	10.00	30.00	0.00113	
10.00	25.00	0.00114	10.00	20.00	0.00115	
10.00	17.00	0.00115	10.00	15.00	0.00115	
10.00	13.00	0.00115	10.00	11.00	0.00115	
10.00	9.00	0.00114	10.00	-9.00	0.00105	
10.00	-11.00	0.00105	10.00	-13.00	0.00105	
10.00	-15.00	0.00105	10.00	-17.00	0.00106	

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

17:49:44  
\*\*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	0.00106	10.00	-25.00	0.00107	
10.00	-30.00	0.00107	10.00	-40.00	0.00106	
10.00	-50.00	0.00103	10.00	-60.00	0.00099	
10.00	-70.00	0.00094	10.00	-80.00	0.00087	
10.00	-90.00	0.00080	10.00	-100.00	0.00073	
20.00	100.00	0.00067	20.00	90.00	0.00072	
20.00	80.00	0.00077	20.00	70.00	0.00083	
20.00	60.00	0.00087	20.00	50.00	0.00091	
20.00	40.00	0.00093	20.00	30.00	0.00095	
20.00	25.00	0.00096	20.00	20.00	0.00097	

01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	17.00	0.00097	20.00	15.00	0.00097
20.00	13.00	0.00097	20.00	11.00	0.00097
20.00	9.00	0.00096	20.00	-9.00	0.00088
20.00	-11.00	0.00088	20.00	-13.00	0.00088
20.00	-15.00	0.00089	20.00	-17.00	0.00089
20.00	-20.00	0.00090	20.00	-25.00	0.00090
20.00	-30.00	0.00090	20.00	-40.00	0.00089
20.00	-50.00	0.00088	20.00	-60.00	0.00086
20.00	-70.00	0.00082	20.00	-80.00	0.00078
20.00	-90.00	0.00073	20.00	-100.00	0.00068
30.00	100.00	0.00061	30.00	90.00	0.00065
30.00	80.00	0.00069	30.00	70.00	0.00073
30.00	60.00	0.00076	30.00	50.00	0.00078
30.00	40.00	0.00080	30.00	30.00	0.00082
30.00	25.00	0.00082	30.00	20.00	0.00083
30.00	17.00	0.00083	30.00	15.00	0.00083
30.00	13.00	0.00083	30.00	11.00	0.00083
30.00	9.00	0.00082	30.00	-9.00	0.00076
30.00	-11.00	0.00076	30.00	-13.00	0.00076
30.00	-15.00	0.00076	30.00	-17.00	0.00076
30.00	-20.00	0.00076	30.00	-25.00	0.00077
30.00	-30.00	0.00077	30.00	-40.00	0.00077
30.00	-50.00	0.00075	30.00	-60.00	0.00074
30.00	-70.00	0.00072	30.00	-80.00	0.00069
30.00	-90.00	0.00066	30.00	-100.00	0.00062
40.00	100.00	0.00055	40.00	90.00	0.00059
40.00	80.00	0.00062	40.00	70.00	0.00064
40.00	60.00	0.00066	40.00	50.00	0.00068
40.00	40.00	0.00069	40.00	30.00	0.00071
40.00	25.00	0.00071	40.00	20.00	0.00072

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
40.00	17.00	0.00072	40.00	15.00	0.00072
40.00	13.00	0.00072	40.00	11.00	0.00071
40.00	9.00	0.00071	40.00	-9.00	0.00066
40.00	-11.00	0.00065	40.00	-13.00	0.00065

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
40.00	-15.00	0.00065	40.00	-17.00	0.00065
40.00	-20.00	0.00066	40.00	-25.00	0.00066
40.00	-30.00	0.00067	40.00	-40.00	0.00067
40.00	-50.00	0.00066	40.00	-60.00	0.00064
40.00	-70.00	0.00063	40.00	-80.00	0.00061
40.00	-90.00	0.00059	40.00	-100.00	0.00056
50.00	100.00	0.00050	50.00	90.00	0.00053
50.00	80.00	0.00055	50.00	70.00	0.00057
50.00	60.00	0.00058	50.00	50.00	0.00060
50.00	40.00	0.00061	50.00	30.00	0.00062
50.00	25.00	0.00062	50.00	20.00	0.00063
50.00	17.00	0.00063	50.00	15.00	0.00062
50.00	13.00	0.00062	50.00	11.00	0.00062
50.00	9.00	0.00062	50.00	-9.00	0.00057
50.00	-11.00	0.00057	50.00	-13.00	0.00057
50.00	-15.00	0.00057	50.00	-17.00	0.00057
50.00	-20.00	0.00057	50.00	-25.00	0.00058
50.00	-30.00	0.00058	50.00	-40.00	0.00058
50.00	-50.00	0.00058	50.00	-60.00	0.00057
50.00	-70.00	0.00056	50.00	-80.00	0.00055
50.00	-90.00	0.00053	50.00	-100.00	0.00051
60.00	100.00	0.00046	60.00	90.00	0.00048
60.00	80.00	0.00049	60.00	70.00	0.00050
60.00	60.00	0.00052	60.00	50.00	0.00053
60.00	40.00	0.00054	60.00	30.00	0.00055
60.00	25.00	0.00055	60.00	20.00	0.00055
60.00	17.00	0.00055	60.00	15.00	0.00055
60.00	13.00	0.00055	60.00	11.00	0.00054
60.00	9.00	0.00054	60.00	-9.00	0.00050
60.00	-11.00	0.00050	60.00	-13.00	0.00050
60.00	-15.00	0.00050	60.00	-17.00	0.00050
60.00	-20.00	0.00050	60.00	-25.00	0.00051
60.00	-30.00	0.00051	60.00	-40.00	0.00051
60.00	-50.00	0.00051	60.00	-60.00	0.00050
60.00	-70.00	0.00049	60.00	-80.00	0.00048
60.00	-90.00	0.00048	60.00	-100.00	0.00046

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 \*\*

01NCRA\_SR01-300\_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	0.00044	70.00	70.00	0.00045
70.00	60.00	0.00046	70.00	50.00	0.00047
70.00	40.00	0.00048	70.00	30.00	0.00049
70.00	25.00	0.00049	70.00	20.00	0.00049
70.00	17.00	0.00049	70.00	15.00	0.00049
70.00	13.00	0.00048	70.00	11.00	0.00048
70.00	9.00	0.00048	70.00	-9.00	0.00045
70.00	-11.00	0.00045	70.00	-13.00	0.00045
70.00	-15.00	0.00044	70.00	-17.00	0.00044
70.00	-20.00	0.00044	70.00	-25.00	0.00045
70.00	-30.00	0.00045	70.00	-40.00	0.00046
70.00	-50.00	0.00045	70.00	-60.00	0.00045
70.00	-70.00	0.00044	70.00	-80.00	0.00043
70.00	-90.00	0.00043	70.00	-100.00	0.00042
80.00	100.00	0.00038	80.00	90.00	0.00039
80.00	80.00	0.00040	80.00	70.00	0.00041
80.00	60.00	0.00041	80.00	50.00	0.00042
80.00	40.00	0.00043	80.00	30.00	0.00043
80.00	25.00	0.00044	80.00	20.00	0.00044
80.00	17.00	0.00044	80.00	15.00	0.00043
80.00	13.00	0.00043	80.00	11.00	0.00043
80.00	9.00	0.00043	80.00	-9.00	0.00040
80.00	-11.00	0.00040	80.00	-13.00	0.00040
80.00	-15.00	0.00040	80.00	-17.00	0.00040
80.00	-20.00	0.00040	80.00	-25.00	0.00040
80.00	-30.00	0.00040	80.00	-40.00	0.00041
80.00	-50.00	0.00041	80.00	-60.00	0.00040
80.00	-70.00	0.00040	80.00	-80.00	0.00039
80.00	-90.00	0.00038	80.00	-100.00	0.00038
90.00	100.00	0.00034	90.00	90.00	0.00035
90.00	80.00	0.00036	90.00	70.00	0.00037
90.00	60.00	0.00037	90.00	50.00	0.00038
90.00	40.00	0.00039	90.00	30.00	0.00039
90.00	25.00	0.00039	90.00	20.00	0.00039
90.00	17.00	0.00039	90.00	15.00	0.00039
90.00	13.00	0.00039	90.00	11.00	0.00039
90.00	9.00	0.00038	90.00	-9.00	0.00036
90.00	-11.00	0.00036	90.00	-13.00	0.00036
90.00	-15.00	0.00036	90.00	-17.00	0.00036

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

\*\*MODELOPTs:  
PAGE 96  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00036	90.00	-25.00	0.00036
90.00	-30.00	0.00036	90.00	-40.00	0.00036
90.00	-50.00	0.00037	90.00	-60.00	0.00036
90.00	-70.00	0.00036	90.00	-80.00	0.00035
90.00	-90.00	0.00035	90.00	-100.00	0.00034
100.00	100.00	0.00031	100.00	90.00	0.00032
100.00	80.00	0.00033	100.00	70.00	0.00033
100.00	60.00	0.00034	100.00	50.00	0.00035
100.00	40.00	0.00035	100.00	30.00	0.00035
100.00	25.00	0.00035	100.00	20.00	0.00035
100.00	17.00	0.00035	100.00	15.00	0.00035
100.00	13.00	0.00035	100.00	11.00	0.00035
100.00	9.00	0.00035	100.00	-9.00	0.00033
100.00	-11.00	0.00032	100.00	-13.00	0.00032
100.00	-15.00	0.00032	100.00	-17.00	0.00032
100.00	-20.00	0.00032	100.00	-25.00	0.00032
100.00	-30.00	0.00032	100.00	-40.00	0.00033
100.00	-50.00	0.00033	100.00	-60.00	0.00033
100.00	-70.00	0.00033	100.00	-80.00	0.00032
100.00	-90.00	0.00032	100.00	-100.00	0.00031
110.00	100.00	0.00029	110.00	90.00	0.00029
110.00	80.00	0.00030	110.00	70.00	0.00031
110.00	60.00	0.00031	110.00	50.00	0.00031
110.00	40.00	0.00032	110.00	30.00	0.00032
110.00	25.00	0.00032	110.00	20.00	0.00032
110.00	17.00	0.00032	110.00	15.00	0.00032
110.00	13.00	0.00032	110.00	11.00	0.00032
110.00	9.00	0.00031	110.00	-9.00	0.00030
110.00	-11.00	0.00030	110.00	-13.00	0.00029
110.00	-15.00	0.00029	110.00	-17.00	0.00029
110.00	-20.00	0.00029	110.00	-25.00	0.00029
110.00	-30.00	0.00029	110.00	-40.00	0.00030
110.00	-50.00	0.00030	110.00	-60.00	0.00030
110.00	-70.00	0.00030	110.00	-80.00	0.00029
110.00	-90.00	0.00029	110.00	-100.00	0.00028
120.00	100.00	0.00027	120.00	90.00	0.00027

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
120.00	80.00	0.00028	120.00	70.00	0.00028	
120.00	60.00	0.00028	120.00	50.00	0.00029	
120.00	40.00	0.00029	120.00	30.00	0.00029	
120.00	25.00	0.00029	120.00	20.00	0.00029	

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	
120.00	17.00	0.00029	120.00	15.00	0.00029	
120.00	13.00	0.00029	120.00	11.00	0.00029	
120.00	9.00	0.00029	120.00	-9.00	0.00027	
120.00	-11.00	0.00027	120.00	-13.00	0.00027	
120.00	-15.00	0.00027	120.00	-17.00	0.00027	
120.00	-20.00	0.00027	120.00	-25.00	0.00027	
120.00	-30.00	0.00027	120.00	-40.00	0.00027	
120.00	-50.00	0.00027	120.00	-60.00	0.00027	
120.00	-70.00	0.00027	120.00	-80.00	0.00027	
120.00	-90.00	0.00027	120.00	-100.00	0.00026	
130.00	100.00	0.00025	130.00	90.00	0.00025	
130.00	80.00	0.00025	130.00	70.00	0.00026	
130.00	60.00	0.00026	130.00	50.00	0.00026	
130.00	40.00	0.00027	130.00	30.00	0.00027	
130.00	25.00	0.00027	130.00	20.00	0.00027	
130.00	17.00	0.00027	130.00	15.00	0.00027	
130.00	13.00	0.00026	130.00	11.00	0.00026	
130.00	9.00	0.00026	130.00	-9.00	0.00025	
130.00	-11.00	0.00025	130.00	-13.00	0.00025	
130.00	-15.00	0.00025	130.00	-17.00	0.00025	
130.00	-20.00	0.00024	130.00	-25.00	0.00024	
130.00	-30.00	0.00025	130.00	-40.00	0.00025	
130.00	-50.00	0.00025	130.00	-60.00	0.00025	
130.00	-70.00	0.00025	130.00	-80.00	0.00025	
130.00	-90.00	0.00024	130.00	-100.00	0.00024	
140.00	100.00	0.00023	140.00	90.00	0.00023	
140.00	80.00	0.00023	140.00	70.00	0.00024	
140.00	60.00	0.00024	140.00	50.00	0.00024	
140.00	40.00	0.00025	140.00	30.00	0.00025	
140.00	25.00	0.00025	140.00	20.00	0.00025	

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
140.00	17.00	0.00025	140.00	15.00	0.00024	
140.00	13.00	0.00024	140.00	11.00	0.00024	
140.00	9.00	0.00024	140.00	-9.00	0.00023	
140.00	-11.00	0.00023	140.00	-13.00	0.00023	
140.00	-15.00	0.00023	140.00	-17.00	0.00023	
140.00	-20.00	0.00023	140.00	-25.00	0.00023	
140.00	-30.00	0.00023	140.00	-40.00	0.00023	
140.00	-50.00	0.00023	140.00	-60.00	0.00023	
140.00	-70.00	0.00023	140.00	-80.00	0.00023	
140.00	-90.00	0.00023	140.00	-100.00	0.00022	

1 \*\*\* ICSST3 - 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
150.00	100.00	0.00021	150.00	90.00	0.00021
150.00	80.00	0.00022	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	0.00022	150.00	11.00	0.00022
150.00	9.00	0.00022	150.00	-9.00	0.00021
150.00	-11.00	0.00021	150.00	-13.00	0.00021
150.00	-15.00	0.00021	150.00	-17.00	0.00021
150.00	-20.00	0.00021	150.00	-25.00	0.00021
150.00	-30.00	0.00021	150.00	-40.00	0.00021
150.00	-50.00	0.00021	150.00	-60.00	0.00021
150.00	-70.00	0.00021	150.00	-80.00	0.00021
150.00	-90.00	0.00021	150.00	-100.00	0.00021
160.00	100.00	0.00020	160.00	90.00	0.00020
160.00	80.00	0.00020	160.00	70.00	0.00021
160.00	60.00	0.00021	160.00	50.00	0.00021
160.00	40.00	0.00021	160.00	30.00	0.00021
160.00	25.00	0.00021	160.00	20.00	0.00021
160.00	17.00	0.00021	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	0.00020
160.00	-11.00	0.00020	160.00	-13.00	0.00019

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
160.00	-15.00	0.00019	160.00	-17.00	0.00019	
160.00	-20.00	0.00019	160.00	-25.00	0.00019	
160.00	-30.00	0.00019	160.00	-40.00	0.00019	
160.00	-50.00	0.00020	160.00	-60.00	0.00020	
160.00	-70.00	0.00020	160.00	-80.00	0.00020	
160.00	-90.00	0.00020	160.00	-100.00	0.00019	
170.00	100.00	0.00018	170.00	90.00	0.00019	
170.00	80.00	0.00019	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	0.00019	170.00	15.00	0.00019	
170.00	13.00	0.00019	170.00	11.00	0.00019	
170.00	9.00	0.00019	170.00	-9.00	0.00018	
170.00	-11.00	0.00018	170.00	-13.00	0.00018	
170.00	-15.00	0.00018	170.00	-17.00	0.00018	

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	
170.00	-20.00	0.00018	170.00	-25.00	0.00018	
170.00	-30.00	0.00018	170.00	-40.00	0.00018	
170.00	-50.00	0.00018	170.00	-60.00	0.00018	
170.00	-70.00	0.00018	170.00	-80.00	0.00018	
170.00	-90.00	0.00018	170.00	-100.00	0.00018	
180.00	100.00	0.00017	180.00	90.00	0.00017	
180.00	80.00	0.00018	180.00	70.00	0.00018	
180.00	60.00	0.00018	180.00	50.00	0.00018	
180.00	40.00	0.00018	180.00	30.00	0.00018	
180.00	25.00	0.00018	180.00	20.00	0.00018	
180.00	17.00	0.00018	180.00	15.00	0.00018	
180.00	13.00	0.00018	180.00	11.00	0.00018	
180.00	9.00	0.00018	180.00	-9.00	0.00017	
180.00	-11.00	0.00017	180.00	-13.00	0.00017	
180.00	-15.00	0.00017	180.00	-17.00	0.00017	
180.00	-20.00	0.00017	180.00	-25.00	0.00017	
180.00	-30.00	0.00017	180.00	-40.00	0.00017	
180.00	-50.00	0.00017	180.00	-60.00	0.00017	



01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
180.00	-70.00	0.00017	180.00	-80.00	0.00017	
180.00	-90.00	0.00017	180.00	-100.00	0.00017	
190.00	100.00	0.00016	190.00	90.00	0.00016	
190.00	80.00	0.00017	190.00	70.00	0.00017	
190.00	60.00	0.00017	190.00	50.00	0.00017	
190.00	40.00	0.00017	190.00	30.00	0.00017	
190.00	25.00	0.00017	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	0.00016	
190.00	-11.00	0.00016	190.00	-13.00	0.00016	
190.00	-15.00	0.00016	190.00	-17.00	0.00016	
190.00	-20.00	0.00016	190.00	-25.00	0.00016	
190.00	-30.00	0.00016	190.00	-40.00	0.00016	
190.00	-50.00	0.00016	190.00	-60.00	0.00016	
190.00	-70.00	0.00016	190.00	-80.00	0.00016	
190.00	-90.00	0.00016	190.00	-100.00	0.00016	
200.00	100.00	0.00015	200.00	90.00	0.00015	
200.00	80.00	0.00016	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      \*\*\*

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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
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	0.00015
200.00	-11.00	0.00015	200.00	-13.00	0.00015
200.00	-15.00	0.00015	200.00	-17.00	0.00015
200.00	-20.00	0.00015	200.00	-25.00	0.00015
200.00	-30.00	0.00015	200.00	-40.00	0.00015
200.00	-50.00	0.00015	200.00	-60.00	0.00015
200.00	-70.00	0.00015	200.00	-80.00	0.00015
200.00	-90.00	0.00015	200.00	-100.00	0.00015
210.00	100.00	0.00014	210.00	90.00	0.00015
210.00	80.00	0.00015	210.00	70.00	0.00015

01NCRA_SR01-300_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	0.00014	
210.00	-11.00	0.00014	210.00	-13.00	0.00014	
210.00	-15.00	0.00014	210.00	-17.00	0.00014	
210.00	-20.00	0.00014	210.00	-25.00	0.00014	
210.00	-30.00	0.00014	210.00	-40.00	0.00014	
210.00	-50.00	0.00014	210.00	-60.00	0.00014	
210.00	-70.00	0.00014	210.00	-80.00	0.00014	
210.00	-90.00	0.00014	210.00	-100.00	0.00014	
220.00	100.00	0.00014	220.00	90.00	0.00014	
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	0.00014	220.00	30.00	0.00014	
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	0.00013	
220.00	-11.00	0.00013	220.00	-13.00	0.00013	
220.00	-15.00	0.00013	220.00	-17.00	0.00013	
220.00	-20.00	0.00013	220.00	-25.00	0.00013	
220.00	-30.00	0.00013	220.00	-40.00	0.00013	
220.00	-50.00	0.00013	220.00	-60.00	0.00013	
220.00	-70.00	0.00013	220.00	-80.00	0.00013	
220.00	-90.00	0.00013	220.00	-100.00	0.00013	

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

17:49:44  
 \*\*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
230.00	100.00	0.00013	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	0.00013
230.00	40.00	0.00013	230.00	30.00	0.00013
230.00	25.00	0.00013	230.00	20.00	0.00013
230.00	17.00	0.00013	230.00	15.00	0.00013

01NCRA_SR01-300_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	0.00012	
230.00	-11.00	0.00012	230.00	-13.00	0.00012	
230.00	-15.00	0.00012	230.00	-17.00	0.00012	
230.00	-20.00	0.00012	230.00	-25.00	0.00012	
230.00	-30.00	0.00012	230.00	-40.00	0.00012	
230.00	-50.00	0.00012	230.00	-60.00	0.00012	
230.00	-70.00	0.00012	230.00	-80.00	0.00013	
230.00	-90.00	0.00013	230.00	-100.00	0.00013	
240.00	100.00	0.00012	240.00	90.00	0.00012	
240.00	80.00	0.00012	240.00	70.00	0.00012	
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	0.00012	
240.00	17.00	0.00012	240.00	15.00	0.00012	
240.00	13.00	0.00012	240.00	11.00	0.00012	
240.00	9.00	0.00012	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	0.00011	240.00	-40.00	0.00011	
240.00	-50.00	0.00012	240.00	-60.00	0.00012	
240.00	-70.00	0.00012	240.00	-80.00	0.00012	
240.00	-90.00	0.00012	240.00	-100.00	0.00012	
250.00	100.00	0.00012	250.00	90.00	0.00012	
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	0.00011	
250.00	-11.00	0.00011	250.00	-13.00	0.00011	
250.00	-15.00	0.00011	250.00	-17.00	0.00011	

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 102  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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

		01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound			
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	0.00011	250.00	-80.00	0.00011
250.00	-90.00	0.00011	250.00	-100.00	0.00011

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 103  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-250.00	100.00	0.00129	-250.00	90.00	0.00137
-250.00	80.00	0.00144	-250.00	70.00	0.00149
-250.00	60.00	0.00151	-250.00	50.00	0.00147
-250.00	40.00	0.00133	-250.00	30.00	0.00107
-250.00	25.00	0.00091	-250.00	20.00	0.00075
-250.00	17.00	0.00067	-250.00	15.00	0.00062
-250.00	13.00	0.00058	-250.00	11.00	0.00055
-250.00	9.00	0.00053	-250.00	-9.00	0.00048
-250.00	-11.00	0.00047	-250.00	-13.00	0.00046
-250.00	-15.00	0.00045	-250.00	-17.00	0.00044
-250.00	-20.00	0.00043	-250.00	-25.00	0.00041
-250.00	-30.00	0.00038	-250.00	-40.00	0.00035
-250.00	-50.00	0.00033	-250.00	-60.00	0.00030
-250.00	-70.00	0.00028	-250.00	-80.00	0.00025
-250.00	-90.00	0.00023	-250.00	-100.00	0.00021
-240.00	100.00	0.00150	-240.00	90.00	0.00163
-240.00	80.00	0.00176	-240.00	70.00	0.00189
-240.00	60.00	0.00200	-240.00	50.00	0.00206
-240.00	40.00	0.00203	-240.00	30.00	0.00182
-240.00	25.00	0.00162	-240.00	20.00	0.00135
-240.00	17.00	0.00117	-240.00	15.00	0.00105
-240.00	13.00	0.00094	-240.00	11.00	0.00084
-240.00	9.00	0.00077	-240.00	-9.00	0.00059
-240.00	-11.00	0.00057	-240.00	-13.00	0.00055
-240.00	-15.00	0.00054	-240.00	-17.00	0.00052
-240.00	-20.00	0.00050	-240.00	-25.00	0.00048
-240.00	-30.00	0.00047	-240.00	-40.00	0.00044
-240.00	-50.00	0.00040	-240.00	-60.00	0.00036
-240.00	-70.00	0.00033	-240.00	-80.00	0.00030

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-240.00	-90.00	0.00028	-240.00	-100.00	0.00025
-230.00	100.00	0.00172	-230.00	90.00	0.00190
-230.00	80.00	0.00210	-230.00	70.00	0.00232
-230.00	60.00	0.00254	-230.00	50.00	0.00276
-230.00	40.00	0.00292	-230.00	30.00	0.00295
-230.00	25.00	0.00286	-230.00	20.00	0.00267
-230.00	17.00	0.00249	-230.00	15.00	0.00233
-230.00	13.00	0.00216	-230.00	11.00	0.00195
-230.00	9.00	0.00171	-230.00	-9.00	0.00074
-230.00	-11.00	0.00071	-230.00	-13.00	0.00069
-230.00	-15.00	0.00068	-230.00	-17.00	0.00067

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
-230.00	-20.00	0.00065	-230.00	-25.00	0.00063
-230.00	-30.00	0.00061	-230.00	-40.00	0.00056
-230.00	-50.00	0.00051	-230.00	-60.00	0.00046
-230.00	-70.00	0.00041	-230.00	-80.00	0.00037
-230.00	-90.00	0.00033	-230.00	-100.00	0.00031
-220.00	100.00	0.00189	-220.00	90.00	0.00213
-220.00	80.00	0.00241	-220.00	70.00	0.00272
-220.00	60.00	0.00306	-220.00	50.00	0.00344
-220.00	40.00	0.00383	-220.00	30.00	0.00416
-220.00	25.00	0.00428	-220.00	20.00	0.00433
-220.00	17.00	0.00432	-220.00	15.00	0.00430
-220.00	13.00	0.00428	-220.00	11.00	0.00427
-220.00	9.00	0.00429	-220.00	-9.00	0.00138
-220.00	-11.00	0.00124	-220.00	-13.00	0.00115
-220.00	-15.00	0.00109	-220.00	-17.00	0.00104
-220.00	-20.00	0.00098	-220.00	-25.00	0.00091
-220.00	-30.00	0.00085	-220.00	-40.00	0.00075
-220.00	-50.00	0.00066	-220.00	-60.00	0.00057
-220.00	-70.00	0.00050	-220.00	-80.00	0.00045
-220.00	-90.00	0.00040	-220.00	-100.00	0.00036
-210.00	100.00	0.00202	-210.00	90.00	0.00230
-210.00	80.00	0.00263	-210.00	70.00	0.00302
-210.00	60.00	0.00345	-210.00	50.00	0.00394

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-210.00	40.00	0.00447	-210.00	30.00	0.00499	
-210.00	25.00	0.00520	-210.00	20.00	0.00537	
-210.00	17.00	0.00544	-210.00	15.00	0.00548	
-210.00	13.00	0.00550	-210.00	11.00	0.00553	
-210.00	9.00	0.00557	-210.00	-9.00	0.00231	
-210.00	-11.00	0.00212	-210.00	-13.00	0.00195	
-210.00	-15.00	0.00181	-210.00	-17.00	0.00169	
-210.00	-20.00	0.00154	-210.00	-25.00	0.00135	
-210.00	-30.00	0.00121	-210.00	-40.00	0.00099	
-210.00	-50.00	0.00083	-210.00	-60.00	0.00071	
-210.00	-70.00	0.00061	-210.00	-80.00	0.00054	
-210.00	-90.00	0.00047	-210.00	-100.00	0.00042	
-200.00	100.00	0.00209	-200.00	90.00	0.00240	
-200.00	80.00	0.00277	-200.00	70.00	0.00321	
-200.00	60.00	0.00372	-200.00	50.00	0.00429	
-200.00	40.00	0.00491	-200.00	30.00	0.00555	
-200.00	25.00	0.00584	-200.00	20.00	0.00608	

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

17:49:44  
 \*\*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	0.00618	-200.00	15.00	0.00622
-200.00	13.00	0.00623	-200.00	11.00	0.00624
-200.00	9.00	0.00626	-200.00	-9.00	0.00288
-200.00	-11.00	0.00269	-200.00	-13.00	0.00254
-200.00	-15.00	0.00241	-200.00	-17.00	0.00228
-200.00	-20.00	0.00211	-200.00	-25.00	0.00186
-200.00	-30.00	0.00164	-200.00	-40.00	0.00130
-200.00	-50.00	0.00105	-200.00	-60.00	0.00088
-200.00	-70.00	0.00074	-200.00	-80.00	0.00064
-200.00	-90.00	0.00055	-200.00	-100.00	0.00048
-190.00	100.00	0.00210	-190.00	90.00	0.00242
-190.00	80.00	0.00282	-190.00	70.00	0.00329
-190.00	60.00	0.00386	-190.00	50.00	0.00450
-190.00	40.00	0.00521	-190.00	30.00	0.00595
-190.00	25.00	0.00629	-190.00	20.00	0.00655
-190.00	17.00	0.00664	-190.00	15.00	0.00668
-190.00	13.00	0.00670	-190.00	11.00	0.00670

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-190.00	9.00	0.00670	-190.00	-9.00	0.00326
-190.00	-11.00	0.00308	-190.00	-13.00	0.00293
-190.00	-15.00	0.00281	-190.00	-17.00	0.00269
-190.00	-20.00	0.00253	-190.00	-25.00	0.00227
-190.00	-30.00	0.00203	-190.00	-40.00	0.00161
-190.00	-50.00	0.00130	-190.00	-60.00	0.00106
-190.00	-70.00	0.00088	-190.00	-80.00	0.00074
-190.00	-90.00	0.00063	-190.00	-100.00	0.00054
-180.00	100.00	0.00205	-180.00	90.00	0.00238
-180.00	80.00	0.00278	-180.00	70.00	0.00327
-180.00	60.00	0.00387	-180.00	50.00	0.00458
-180.00	40.00	0.00538	-180.00	30.00	0.00620
-180.00	25.00	0.00656	-180.00	20.00	0.00684
-180.00	17.00	0.00694	-180.00	15.00	0.00698
-180.00	13.00	0.00700	-180.00	11.00	0.00700
-180.00	9.00	0.00701	-180.00	-9.00	0.00353
-180.00	-11.00	0.00336	-180.00	-13.00	0.00321
-180.00	-15.00	0.00309	-180.00	-17.00	0.00297
-180.00	-20.00	0.00281	-180.00	-25.00	0.00256
-180.00	-30.00	0.00232	-180.00	-40.00	0.00188
-180.00	-50.00	0.00153	-180.00	-60.00	0.00125
-180.00	-70.00	0.00102	-180.00	-80.00	0.00085
-180.00	-90.00	0.00071	-180.00	-100.00	0.00060

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

17:49:44  
 \*\*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	0.00228
-170.00	80.00	0.00267	-170.00	70.00	0.00315
-170.00	60.00	0.00376	-170.00	50.00	0.00450
-170.00	40.00	0.00537	-170.00	30.00	0.00627
-170.00	25.00	0.00667	-170.00	20.00	0.00698
-170.00	17.00	0.00711	-170.00	15.00	0.00717
-170.00	13.00	0.00719	-170.00	11.00	0.00720
-170.00	9.00	0.00720	-170.00	-9.00	0.00373
-170.00	-11.00	0.00355	-170.00	-13.00	0.00341
-170.00	-15.00	0.00328	-170.00	-17.00	0.00317
-170.00	-20.00	0.00301	-170.00	-25.00	0.00276

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-170.00	-30.00	0.00253	-170.00	-40.00	0.00210
-170.00	-50.00	0.00172	-170.00	-60.00	0.00140
-170.00	-70.00	0.00115	-170.00	-80.00	0.00095
-170.00	-90.00	0.00079	-170.00	-100.00	0.00067
-160.00	100.00	0.00184	-160.00	90.00	0.00213
-160.00	80.00	0.00249	-160.00	70.00	0.00294
-160.00	60.00	0.00351	-160.00	50.00	0.00423
-160.00	40.00	0.00510	-160.00	30.00	0.00609
-160.00	25.00	0.00656	-160.00	20.00	0.00695
-160.00	17.00	0.00713	-160.00	15.00	0.00720
-160.00	13.00	0.00725	-160.00	11.00	0.00728
-160.00	9.00	0.00730	-160.00	-9.00	0.00385
-160.00	-11.00	0.00367	-160.00	-13.00	0.00353
-160.00	-15.00	0.00341	-160.00	-17.00	0.00329
-160.00	-20.00	0.00314	-160.00	-25.00	0.00290
-160.00	-30.00	0.00268	-160.00	-40.00	0.00225
-160.00	-50.00	0.00186	-160.00	-60.00	0.00152
-160.00	-70.00	0.00125	-160.00	-80.00	0.00104
-160.00	-90.00	0.00087	-160.00	-100.00	0.00073
-150.00	100.00	0.00167	-150.00	90.00	0.00193
-150.00	80.00	0.00225	-150.00	70.00	0.00265
-150.00	60.00	0.00315	-150.00	50.00	0.00378
-150.00	40.00	0.00456	-150.00	30.00	0.00550
-150.00	25.00	0.00601	-150.00	20.00	0.00653
-150.00	17.00	0.00679	-150.00	15.00	0.00694
-150.00	13.00	0.00707	-150.00	11.00	0.00716
-150.00	9.00	0.00724	-150.00	-9.00	0.00390
-150.00	-11.00	0.00372	-150.00	-13.00	0.00358
-150.00	-15.00	0.00347	-150.00	-17.00	0.00337

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

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

17:49:44

\*\*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	0.00322	-150.00	-25.00	0.00298
-150.00	-30.00	0.00275	-150.00	-40.00	0.00232
-150.00	-50.00	0.00194	-150.00	-60.00	0.00161
-150.00	-70.00	0.00133	-150.00	-80.00	0.00110
-150.00	-90.00	0.00092	-150.00	-100.00	0.00078



01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-140.00	100.00	0.00149	-140.00	90.00	0.00171	
-140.00	80.00	0.00197	-140.00	70.00	0.00229	
-140.00	60.00	0.00269	-140.00	50.00	0.00318	
-140.00	40.00	0.00378	-140.00	30.00	0.00450	
-140.00	25.00	0.00491	-140.00	20.00	0.00534	
-140.00	17.00	0.00560	-140.00	15.00	0.00579	
-140.00	13.00	0.00598	-140.00	11.00	0.00619	
-140.00	9.00	0.00643	-140.00	-9.00	0.00387	
-140.00	-11.00	0.00370	-140.00	-13.00	0.00356	
-140.00	-15.00	0.00345	-140.00	-17.00	0.00334	
-140.00	-20.00	0.00319	-140.00	-25.00	0.00296	
-140.00	-30.00	0.00273	-140.00	-40.00	0.00231	
-140.00	-50.00	0.00195	-140.00	-60.00	0.00163	
-140.00	-70.00	0.00136	-140.00	-80.00	0.00114	
-140.00	-90.00	0.00096	-140.00	-100.00	0.00081	
-130.00	100.00	0.00131	-130.00	90.00	0.00148	
-130.00	80.00	0.00169	-130.00	70.00	0.00194	
-130.00	60.00	0.00223	-130.00	50.00	0.00257	
-130.00	40.00	0.00296	-130.00	30.00	0.00338	
-130.00	25.00	0.00359	-130.00	20.00	0.00378	
-130.00	17.00	0.00387	-130.00	15.00	0.00392	
-130.00	13.00	0.00396	-130.00	11.00	0.00397	
-130.00	9.00	0.00395	-130.00	-9.00	0.00331	
-130.00	-11.00	0.00326	-130.00	-13.00	0.00319	
-130.00	-15.00	0.00313	-130.00	-17.00	0.00306	
-130.00	-20.00	0.00296	-130.00	-25.00	0.00277	
-130.00	-30.00	0.00258	-130.00	-40.00	0.00222	
-130.00	-50.00	0.00189	-130.00	-60.00	0.00161	
-130.00	-70.00	0.00136	-130.00	-80.00	0.00115	
-130.00	-90.00	0.00097	-130.00	-100.00	0.00083	
-120.00	100.00	0.00115	-120.00	90.00	0.00129	
-120.00	80.00	0.00146	-120.00	70.00	0.00165	
-120.00	60.00	0.00186	-120.00	50.00	0.00210	
-120.00	40.00	0.00236	-120.00	30.00	0.00262	
-120.00	25.00	0.00273	-120.00	20.00	0.00280	

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

17:49:44  
 \*\*MODELOPTs:  
 PAGE 108

CONC      URBAN FLAT      FLGPOL DFAULT

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

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

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

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

01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	17.00	0.00282	-120.00	15.00	0.00282
-120.00	13.00	0.00281	-120.00	11.00	0.00278
-120.00	9.00	0.00275	-120.00	-9.00	0.00241
-120.00	-11.00	0.00244	-120.00	-13.00	0.00246
-120.00	-15.00	0.00247	-120.00	-17.00	0.00248
-120.00	-20.00	0.00247	-120.00	-25.00	0.00241
-120.00	-30.00	0.00230	-120.00	-40.00	0.00205
-120.00	-50.00	0.00179	-120.00	-60.00	0.00154
-120.00	-70.00	0.00133	-120.00	-80.00	0.00114
-120.00	-90.00	0.00098	-120.00	-100.00	0.00084
-110.00	100.00	0.00102	-110.00	90.00	0.00114
-110.00	80.00	0.00127	-110.00	70.00	0.00141
-110.00	60.00	0.00158	-110.00	50.00	0.00175
-110.00	40.00	0.00193	-110.00	30.00	0.00208
-110.00	25.00	0.00213	-110.00	20.00	0.00215
-110.00	17.00	0.00214	-110.00	15.00	0.00214
-110.00	13.00	0.00213	-110.00	11.00	0.00211
-110.00	9.00	0.00210	-110.00	-9.00	0.00189
-110.00	-11.00	0.00190	-110.00	-13.00	0.00191
-110.00	-15.00	0.00192	-110.00	-17.00	0.00193
-110.00	-20.00	0.00194	-110.00	-25.00	0.00195
-110.00	-30.00	0.00192	-110.00	-40.00	0.00180
-110.00	-50.00	0.00162	-110.00	-60.00	0.00144
-110.00	-70.00	0.00126	-110.00	-80.00	0.00110
-110.00	-90.00	0.00096	-110.00	-100.00	0.00083
-100.00	100.00	0.00091	-100.00	90.00	0.00101
-100.00	80.00	0.00111	-100.00	70.00	0.00123
-100.00	60.00	0.00135	-100.00	50.00	0.00148
-100.00	40.00	0.00159	-100.00	30.00	0.00167
-100.00	25.00	0.00169	-100.00	20.00	0.00169
-100.00	17.00	0.00169	-100.00	15.00	0.00169
-100.00	13.00	0.00169	-100.00	11.00	0.00169
-100.00	9.00	0.00168	-100.00	-9.00	0.00152
-100.00	-11.00	0.00153	-100.00	-13.00	0.00154
-100.00	-15.00	0.00154	-100.00	-17.00	0.00155
-100.00	-20.00	0.00156	-100.00	-25.00	0.00156
-100.00	-30.00	0.00156	-100.00	-40.00	0.00152
-100.00	-50.00	0.00142	-100.00	-60.00	0.00130
-100.00	-70.00	0.00117	-100.00	-80.00	0.00104
-100.00	-90.00	0.00092	-100.00	-100.00	0.00081

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

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

\*\*\*

17:49:44  
\*\*MODELOPTs:  
PAGE 109

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-90.00	100.00	0.00082	-90.00	90.00	0.00090	
-90.00	80.00	0.00098	-90.00	70.00	0.00107	
-90.00	60.00	0.00116	-90.00	50.00	0.00125	
-90.00	40.00	0.00132	-90.00	30.00	0.00136	
-90.00	25.00	0.00137	-90.00	20.00	0.00138	
-90.00	17.00	0.00138	-90.00	15.00	0.00138	
-90.00	13.00	0.00138	-90.00	11.00	0.00138	
-90.00	9.00	0.00137	-90.00	-9.00	0.00125	
-90.00	-11.00	0.00126	-90.00	-13.00	0.00126	
-90.00	-15.00	0.00127	-90.00	-17.00	0.00127	
-90.00	-20.00	0.00128	-90.00	-25.00	0.00128	
-90.00	-30.00	0.00128	-90.00	-40.00	0.00126	
-90.00	-50.00	0.00122	-90.00	-60.00	0.00114	
-90.00	-70.00	0.00105	-90.00	-80.00	0.00096	
-90.00	-90.00	0.00086	-90.00	-100.00	0.00077	
-80.00	100.00	0.00074	-80.00	90.00	0.00080	
-80.00	80.00	0.00087	-80.00	70.00	0.00094	
-80.00	60.00	0.00101	-80.00	50.00	0.00107	
-80.00	40.00	0.00111	-80.00	30.00	0.00113	
-80.00	25.00	0.00114	-80.00	20.00	0.00115	
-80.00	17.00	0.00115	-80.00	15.00	0.00115	
-80.00	13.00	0.00115	-80.00	11.00	0.00115	
-80.00	9.00	0.00114	-80.00	-9.00	0.00105	
-80.00	-11.00	0.00105	-80.00	-13.00	0.00105	
-80.00	-15.00	0.00105	-80.00	-17.00	0.00106	
-80.00	-20.00	0.00106	-80.00	-25.00	0.00107	
-80.00	-30.00	0.00107	-80.00	-40.00	0.00106	
-80.00	-50.00	0.00103	-80.00	-60.00	0.00099	
-80.00	-70.00	0.00094	-80.00	-80.00	0.00087	
-80.00	-90.00	0.00080	-80.00	-100.00	0.00073	
-70.00	100.00	0.00067	-70.00	90.00	0.00072	
-70.00	80.00	0.00077	-70.00	70.00	0.00083	
-70.00	60.00	0.00087	-70.00	50.00	0.00091	
-70.00	40.00	0.00093	-70.00	30.00	0.00095	
-70.00	25.00	0.00096	-70.00	20.00	0.00097	
-70.00	17.00	0.00097	-70.00	15.00	0.00097	
-70.00	13.00	0.00097	-70.00	11.00	0.00097	

-70.00	9.00	01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound 0.00096	-70.00	-9.00	0.00088
-70.00	-11.00	0.00088	-70.00	-13.00	0.00088
-70.00	-15.00	0.00089	-70.00	-17.00	0.00089

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

17:49:44  
 \*\*MODELOPTs:  
 PAGE 110  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00090	-70.00	-25.00	0.00090
-70.00	-30.00	0.00090	-70.00	-40.00	0.00089
-70.00	-50.00	0.00088	-70.00	-60.00	0.00086
-70.00	-70.00	0.00082	-70.00	-80.00	0.00078
-70.00	-90.00	0.00073	-70.00	-100.00	0.00068
-60.00	100.00	0.00061	-60.00	90.00	0.00065
-60.00	80.00	0.00069	-60.00	70.00	0.00073
-60.00	60.00	0.00076	-60.00	50.00	0.00078
-60.00	40.00	0.00080	-60.00	30.00	0.00082
-60.00	25.00	0.00082	-60.00	20.00	0.00083
-60.00	17.00	0.00083	-60.00	15.00	0.00083
-60.00	13.00	0.00083	-60.00	11.00	0.00083
-60.00	9.00	0.00082	-60.00	-9.00	0.00076
-60.00	-11.00	0.00076	-60.00	-13.00	0.00076
-60.00	-15.00	0.00076	-60.00	-17.00	0.00076
-60.00	-20.00	0.00076	-60.00	-25.00	0.00077
-60.00	-30.00	0.00077	-60.00	-40.00	0.00077
-60.00	-50.00	0.00075	-60.00	-60.00	0.00074
-60.00	-70.00	0.00072	-60.00	-80.00	0.00069
-60.00	-90.00	0.00066	-60.00	-100.00	0.00062
-50.00	100.00	0.00055	-50.00	90.00	0.00059
-50.00	80.00	0.00062	-50.00	70.00	0.00064
-50.00	60.00	0.00066	-50.00	50.00	0.00068
-50.00	40.00	0.00069	-50.00	30.00	0.00071
-50.00	25.00	0.00071	-50.00	20.00	0.00072
-50.00	17.00	0.00072	-50.00	15.00	0.00072
-50.00	13.00	0.00072	-50.00	11.00	0.00071
-50.00	9.00	0.00071	-50.00	-9.00	0.00066
-50.00	-11.00	0.00065	-50.00	-13.00	0.00065
-50.00	-15.00	0.00065	-50.00	-17.00	0.00065
-50.00	-20.00	0.00066	-50.00	-25.00	0.00066

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-50.00	-30.00	0.00067	-50.00	-40.00	0.00067	
-50.00	-50.00	0.00066	-50.00	-60.00	0.00064	
-50.00	-70.00	0.00063	-50.00	-80.00	0.00061	
-50.00	-90.00	0.00059	-50.00	-100.00	0.00056	
-40.00	100.00	0.00050	-40.00	90.00	0.00053	
-40.00	80.00	0.00055	-40.00	70.00	0.00057	
-40.00	60.00	0.00058	-40.00	50.00	0.00060	
-40.00	40.00	0.00061	-40.00	30.00	0.00062	
-40.00	25.00	0.00062	-40.00	20.00	0.00063	

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

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

17:49:44

\*\*MODELOPTs:  
 PAGE 111

CONC                                    URBAN FLAT    FLGPOL DFAULT

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

INCLUDING SOURCE(S):            NCRA\_S5 ,

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00063	-40.00	15.00	0.00062
-40.00	13.00	0.00062	-40.00	11.00	0.00062
-40.00	9.00	0.00062	-40.00	-9.00	0.00057
-40.00	-11.00	0.00057	-40.00	-13.00	0.00057
-40.00	-15.00	0.00057	-40.00	-17.00	0.00057
-40.00	-20.00	0.00057	-40.00	-25.00	0.00058
-40.00	-30.00	0.00058	-40.00	-40.00	0.00058
-40.00	-50.00	0.00058	-40.00	-60.00	0.00057
-40.00	-70.00	0.00056	-40.00	-80.00	0.00055
-40.00	-90.00	0.00053	-40.00	-100.00	0.00051
-30.00	100.00	0.00046	-30.00	90.00	0.00048
-30.00	80.00	0.00049	-30.00	70.00	0.00050
-30.00	60.00	0.00052	-30.00	50.00	0.00053
-30.00	40.00	0.00054	-30.00	30.00	0.00055
-30.00	25.00	0.00055	-30.00	20.00	0.00055
-30.00	17.00	0.00055	-30.00	15.00	0.00055
-30.00	13.00	0.00055	-30.00	11.00	0.00054
-30.00	9.00	0.00054	-30.00	-9.00	0.00050
-30.00	-11.00	0.00050	-30.00	-13.00	0.00050
-30.00	-15.00	0.00050	-30.00	-17.00	0.00050
-30.00	-20.00	0.00050	-30.00	-25.00	0.00051
-30.00	-30.00	0.00051	-30.00	-40.00	0.00051
-30.00	-50.00	0.00051	-30.00	-60.00	0.00050
-30.00	-70.00	0.00049	-30.00	-80.00	0.00048
-30.00	-90.00	0.00048	-30.00	-100.00	0.00046

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-20.00	100.00	0.00042	-20.00	90.00	0.00043	
-20.00	80.00	0.00044	-20.00	70.00	0.00045	
-20.00	60.00	0.00046	-20.00	50.00	0.00047	
-20.00	40.00	0.00048	-20.00	30.00	0.00049	
-20.00	25.00	0.00049	-20.00	20.00	0.00049	
-20.00	17.00	0.00049	-20.00	15.00	0.00049	
-20.00	13.00	0.00048	-20.00	11.00	0.00048	
-20.00	9.00	0.00048	-20.00	-9.00	0.00045	
-20.00	-11.00	0.00045	-20.00	-13.00	0.00045	
-20.00	-15.00	0.00044	-20.00	-17.00	0.00044	
-20.00	-20.00	0.00044	-20.00	-25.00	0.00045	
-20.00	-30.00	0.00045	-20.00	-40.00	0.00046	
-20.00	-50.00	0.00045	-20.00	-60.00	0.00045	
-20.00	-70.00	0.00044	-20.00	-80.00	0.00043	
-20.00	-90.00	0.00043	-20.00	-100.00	0.00042	

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

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

17:49:44  
 \*\*MODELOPTs:  
 PAGE 112

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

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



01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
20.00	-11.00	0.00030	20.00	-13.00	0.00029	
20.00	-15.00	0.00029	20.00	-17.00	0.00029	
20.00	-20.00	0.00029	20.00	-25.00	0.00029	
20.00	-30.00	0.00029	20.00	-40.00	0.00030	
20.00	-50.00	0.00030	20.00	-60.00	0.00030	
20.00	-70.00	0.00030	20.00	-80.00	0.00029	
20.00	-90.00	0.00029	20.00	-100.00	0.00028	
30.00	100.00	0.00027	30.00	90.00	0.00027	
30.00	80.00	0.00028	30.00	70.00	0.00028	
30.00	60.00	0.00028	30.00	50.00	0.00029	
30.00	40.00	0.00029	30.00	30.00	0.00029	
30.00	25.00	0.00029	30.00	20.00	0.00029	
30.00	17.00	0.00029	30.00	15.00	0.00029	
30.00	13.00	0.00029	30.00	11.00	0.00029	
30.00	9.00	0.00029	30.00	-9.00	0.00027	
30.00	-11.00	0.00027	30.00	-13.00	0.00027	
30.00	-15.00	0.00027	30.00	-17.00	0.00027	
30.00	-20.00	0.00027	30.00	-25.00	0.00027	
30.00	-30.00	0.00027	30.00	-40.00	0.00027	
30.00	-50.00	0.00027	30.00	-60.00	0.00027	
30.00	-70.00	0.00027	30.00	-80.00	0.00027	
30.00	-90.00	0.00027	30.00	-100.00	0.00026	
40.00	100.00	0.00025	40.00	90.00	0.00025	
40.00	80.00	0.00025	40.00	70.00	0.00026	
40.00	60.00	0.00026	40.00	50.00	0.00026	
40.00	40.00	0.00027	40.00	30.00	0.00027	
40.00	25.00	0.00027	40.00	20.00	0.00027	

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	0.00026	40.00	11.00	0.00026
40.00	9.00	0.00026	40.00	-9.00	0.00025
40.00	-11.00	0.00025	40.00	-13.00	0.00025
40.00	-15.00	0.00025	40.00	-17.00	0.00025
40.00	-20.00	0.00024	40.00	-25.00	0.00024
40.00	-30.00	0.00025	40.00	-40.00	0.00025



01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	-50.00	0.00025	40.00	-60.00	0.00025
40.00	-70.00	0.00025	40.00	-80.00	0.00025
40.00	-90.00	0.00024	40.00	-100.00	0.00024
50.00	100.00	0.00023	50.00	90.00	0.00023
50.00	80.00	0.00023	50.00	70.00	0.00024
50.00	60.00	0.00024	50.00	50.00	0.00024
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	0.00024
50.00	13.00	0.00024	50.00	11.00	0.00024
50.00	9.00	0.00024	50.00	-9.00	0.00023
50.00	-11.00	0.00023	50.00	-13.00	0.00023
50.00	-15.00	0.00023	50.00	-17.00	0.00023
50.00	-20.00	0.00023	50.00	-25.00	0.00023
50.00	-30.00	0.00023	50.00	-40.00	0.00023
50.00	-50.00	0.00023	50.00	-60.00	0.00023
50.00	-70.00	0.00023	50.00	-80.00	0.00023
50.00	-90.00	0.00023	50.00	-100.00	0.00022
60.00	100.00	0.00021	60.00	90.00	0.00021
60.00	80.00	0.00022	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	0.00022	60.00	11.00	0.00022
60.00	9.00	0.00022	60.00	-9.00	0.00021
60.00	-11.00	0.00021	60.00	-13.00	0.00021
60.00	-15.00	0.00021	60.00	-17.00	0.00021
60.00	-20.00	0.00021	60.00	-25.00	0.00021
60.00	-30.00	0.00021	60.00	-40.00	0.00021
60.00	-50.00	0.00021	60.00	-60.00	0.00021
60.00	-70.00	0.00021	60.00	-80.00	0.00021
60.00	-90.00	0.00021	60.00	-100.00	0.00021

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

17:49:44  
 \*\*MODELOPTs:  
 PAGE 115  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00020	70.00	90.00	0.00020

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
70.00	80.00	0.00020	70.00	70.00	0.00021
70.00	60.00	0.00021	70.00	50.00	0.00021
70.00	40.00	0.00021	70.00	30.00	0.00021
70.00	25.00	0.00021	70.00	20.00	0.00021
70.00	17.00	0.00021	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	0.00020
70.00	-11.00	0.00020	70.00	-13.00	0.00019
70.00	-15.00	0.00019	70.00	-17.00	0.00019
70.00	-20.00	0.00019	70.00	-25.00	0.00019
70.00	-30.00	0.00019	70.00	-40.00	0.00019
70.00	-50.00	0.00020	70.00	-60.00	0.00020
70.00	-70.00	0.00020	70.00	-80.00	0.00020
70.00	-90.00	0.00020	70.00	-100.00	0.00019
80.00	100.00	0.00018	80.00	90.00	0.00019
80.00	80.00	0.00019	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	0.00019	80.00	15.00	0.00019
80.00	13.00	0.00019	80.00	11.00	0.00019
80.00	9.00	0.00019	80.00	-9.00	0.00018
80.00	-11.00	0.00018	80.00	-13.00	0.00018
80.00	-15.00	0.00018	80.00	-17.00	0.00018
80.00	-20.00	0.00018	80.00	-25.00	0.00018
80.00	-30.00	0.00018	80.00	-40.00	0.00018
80.00	-50.00	0.00018	80.00	-60.00	0.00018
80.00	-70.00	0.00018	80.00	-80.00	0.00018
80.00	-90.00	0.00018	80.00	-100.00	0.00018
90.00	100.00	0.00017	90.00	90.00	0.00017
90.00	80.00	0.00018	90.00	70.00	0.00018
90.00	60.00	0.00018	90.00	50.00	0.00018
90.00	40.00	0.00018	90.00	30.00	0.00018
90.00	25.00	0.00018	90.00	20.00	0.00018
90.00	17.00	0.00018	90.00	15.00	0.00018
90.00	13.00	0.00018	90.00	11.00	0.00018
90.00	9.00	0.00018	90.00	-9.00	0.00017
90.00	-11.00	0.00017	90.00	-13.00	0.00017
90.00	-15.00	0.00017	90.00	-17.00	0.00017

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

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

17:49:44  
\*\*MODELOPTs:  
PAGE 116

CONC URBAN FLAT FLGPOL DFAULT

\*\*\*

INCLUDING SOURCE(S) : NCRA\_S5 ,

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

		** CONC OF OTHER	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00017	90.00	-25.00	0.00017
90.00	-30.00	0.00017	90.00	-40.00	0.00017
90.00	-50.00	0.00017	90.00	-60.00	0.00017
90.00	-70.00	0.00017	90.00	-80.00	0.00017
90.00	-90.00	0.00017	90.00	-100.00	0.00017
100.00	100.00	0.00016	100.00	90.00	0.00016
100.00	80.00	0.00017	100.00	70.00	0.00017
100.00	60.00	0.00017	100.00	50.00	0.00017
100.00	40.00	0.00017	100.00	30.00	0.00017
100.00	25.00	0.00017	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	0.00016
100.00	-11.00	0.00016	100.00	-13.00	0.00016
100.00	-15.00	0.00016	100.00	-17.00	0.00016
100.00	-20.00	0.00016	100.00	-25.00	0.00016
100.00	-30.00	0.00016	100.00	-40.00	0.00016
100.00	-50.00	0.00016	100.00	-60.00	0.00016
100.00	-70.00	0.00016	100.00	-80.00	0.00016
100.00	-90.00	0.00016	100.00	-100.00	0.00016
110.00	100.00	0.00015	110.00	90.00	0.00015
110.00	80.00	0.00016	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	0.00015
110.00	-11.00	0.00015	110.00	-13.00	0.00015
110.00	-15.00	0.00015	110.00	-17.00	0.00015
110.00	-20.00	0.00015	110.00	-25.00	0.00015
110.00	-30.00	0.00015	110.00	-40.00	0.00015
110.00	-50.00	0.00015	110.00	-60.00	0.00015
110.00	-70.00	0.00015	110.00	-80.00	0.00015
110.00	-90.00	0.00015	110.00	-100.00	0.00015
120.00	100.00	0.00014	120.00	90.00	0.00015
120.00	80.00	0.00015	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 01NCRA\_SR01-300\_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 \*\*\*

17:49:44  
 \*\*MODELOPTs:  
 PAGE 117

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

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

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
140.00	-11.00	0.00012	140.00	-13.00	0.00012
140.00	-15.00	0.00012	140.00	-17.00	0.00012
140.00	-20.00	0.00012	140.00	-25.00	0.00012
140.00	-30.00	0.00012	140.00	-40.00	0.00012
140.00	-50.00	0.00012	140.00	-60.00	0.00012
140.00	-70.00	0.00012	140.00	-80.00	0.00013
140.00	-90.00	0.00013	140.00	-100.00	0.00013

1 \*\*\* ICSST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/18/08  
 17:49:44  
 \*\*MODELOPTs:      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 PAGE 118  
 CONC      URBAN FLAT    FLGPOL    DFAULT

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

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

** CONC OF OTHER    IN MICROGRAMS/M**3      **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
150.00	100.00	0.00012	150.00	90.00	0.00012
150.00	80.00	0.00012	150.00	70.00	0.00012
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	0.00012
150.00	17.00	0.00012	150.00	15.00	0.00012
150.00	13.00	0.00012	150.00	11.00	0.00012
150.00	9.00	0.00012	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	0.00011	150.00	-40.00	0.00011
150.00	-50.00	0.00012	150.00	-60.00	0.00012
150.00	-70.00	0.00012	150.00	-80.00	0.00012
150.00	-90.00	0.00012	150.00	-100.00	0.00012
160.00	100.00	0.00012	160.00	90.00	0.00012
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	0.00011
160.00	-11.00	0.00011	160.00	-13.00	0.00011
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



01NCRA_SR01-300_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	0.00010	
190.00	40.00	0.00010	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	0.00009	
190.00	-15.00	0.00009	190.00	-17.00	0.00009	
190.00	-20.00	0.00009	190.00	-25.00	0.00009	
190.00	-30.00	0.00009	190.00	-40.00	0.00009	
190.00	-50.00	0.00009	190.00	-60.00	0.00009	
190.00	-70.00	0.00009	190.00	-80.00	0.00010	
190.00	-90.00	0.00010	190.00	-100.00	0.00010	
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      \*\*\*

17:49:44  
 \*\*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	0.00009
200.00	13.00	0.00009	200.00	11.00	0.00009
200.00	9.00	0.00009	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	0.00009
200.00	-50.00	0.00009	200.00	-60.00	0.00009
200.00	-70.00	0.00009	200.00	-80.00	0.00009
200.00	-90.00	0.00009	200.00	-100.00	0.00009
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	0.00009
210.00	40.00	0.00009	210.00	30.00	0.00009
210.00	25.00	0.00009	210.00	20.00	0.00009

01NCRA_SR01-300_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	0.00008	210.00	-40.00	0.00008	
210.00	-50.00	0.00008	210.00	-60.00	0.00008	
210.00	-70.00	0.00009	210.00	-80.00	0.00009	
210.00	-90.00	0.00009	210.00	-100.00	0.00009	
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	0.00008	
220.00	-11.00	0.00008	220.00	-13.00	0.00008	
220.00	-15.00	0.00008	220.00	-17.00	0.00008	
220.00	-20.00	0.00008	220.00	-25.00	0.00008	
220.00	-30.00	0.00008	220.00	-40.00	0.00008	
220.00	-50.00	0.00008	220.00	-60.00	0.00008	
220.00	-70.00	0.00008	220.00	-80.00	0.00008	
220.00	-90.00	0.00008	220.00	-100.00	0.00008	

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

17:49:44  
\*\*MODELOPTS:  
PAGE 121  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

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



01NCRA_SR01-300_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	0.00008	
230.00	-70.00	0.00008	230.00	-80.00	0.00008	
230.00	-90.00	0.00008	230.00	-100.00	0.00008	
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	0.00007	
240.00	-20.00	0.00007	240.00	-25.00	0.00007	
240.00	-30.00	0.00007	240.00	-40.00	0.00007	
240.00	-50.00	0.00007	240.00	-60.00	0.00007	
240.00	-70.00	0.00007	240.00	-80.00	0.00008	
240.00	-90.00	0.00008	240.00	-100.00	0.00008	
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	0.00007	250.00	-9.00	0.00007	
250.00	-11.00	0.00007	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      \*\*\*

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

01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound  
 250.00 -70.00 0.00007 250.00 -80.00 0.00007  
 250.00 -90.00 0.00007 250.00 -100.00 0.00007

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

17:49:44  
 \*\*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	0.00162	-250.00	90.00	0.00168
-250.00	80.00	0.00173	-250.00	70.00	0.00176
-250.00	60.00	0.00176	-250.00	50.00	0.00170
-250.00	40.00	0.00155	-250.00	30.00	0.00129
-250.00	25.00	0.00113	-250.00	20.00	0.00098
-250.00	17.00	0.00090	-250.00	15.00	0.00086
-250.00	13.00	0.00082	-250.00	11.00	0.00079
-250.00	9.00	0.00078	-250.00	-9.00	0.00074
-250.00	-11.00	0.00072	-250.00	-13.00	0.00070
-250.00	-15.00	0.00069	-250.00	-17.00	0.00068
-250.00	-20.00	0.00067	-250.00	-25.00	0.00063
-250.00	-30.00	0.00060	-250.00	-40.00	0.00056
-250.00	-50.00	0.00053	-250.00	-60.00	0.00050
-250.00	-70.00	0.00047	-250.00	-80.00	0.00044
-250.00	-90.00	0.00041	-250.00	-100.00	0.00039
-240.00	100.00	0.00189	-240.00	90.00	0.00199
-240.00	80.00	0.00210	-240.00	70.00	0.00220
-240.00	60.00	0.00228	-240.00	50.00	0.00232
-240.00	40.00	0.00228	-240.00	30.00	0.00206
-240.00	25.00	0.00187	-240.00	20.00	0.00160
-240.00	17.00	0.00143	-240.00	15.00	0.00131
-240.00	13.00	0.00120	-240.00	11.00	0.00111
-240.00	9.00	0.00104	-240.00	-9.00	0.00086
-240.00	-11.00	0.00084	-240.00	-13.00	0.00082
-240.00	-15.00	0.00080	-240.00	-17.00	0.00078
-240.00	-20.00	0.00076	-240.00	-25.00	0.00073
-240.00	-30.00	0.00071	-240.00	-40.00	0.00066
-240.00	-50.00	0.00062	-240.00	-60.00	0.00058
-240.00	-70.00	0.00054	-240.00	-80.00	0.00050
-240.00	-90.00	0.00047	-240.00	-100.00	0.00044
-230.00	100.00	0.00217	-230.00	90.00	0.00232
-230.00	80.00	0.00250	-230.00	70.00	0.00268

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	60.00	0.00288	-230.00	50.00	0.00306
-230.00	40.00	0.00320	-230.00	30.00	0.00322
-230.00	25.00	0.00313	-230.00	20.00	0.00295
-230.00	17.00	0.00277	-230.00	15.00	0.00262
-230.00	13.00	0.00245	-230.00	11.00	0.00224
-230.00	9.00	0.00201	-230.00	-9.00	0.00104
-230.00	-11.00	0.00101	-230.00	-13.00	0.00099
-230.00	-15.00	0.00097	-230.00	-17.00	0.00095

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

17:49:44  
 \*\*MODELOPTs:  
 PAGE 124  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-230.00	-20.00	0.00093	-230.00	-25.00	0.00090
-230.00	-30.00	0.00087	-230.00	-40.00	0.00081
-230.00	-50.00	0.00075	-230.00	-60.00	0.00069
-230.00	-70.00	0.00063	-230.00	-80.00	0.00058
-230.00	-90.00	0.00054	-230.00	-100.00	0.00050
-220.00	100.00	0.00243	-220.00	90.00	0.00264
-220.00	80.00	0.00287	-220.00	70.00	0.00315
-220.00	60.00	0.00346	-220.00	50.00	0.00380
-220.00	40.00	0.00415	-220.00	30.00	0.00447
-220.00	25.00	0.00458	-220.00	20.00	0.00464
-220.00	17.00	0.00463	-220.00	15.00	0.00462
-220.00	13.00	0.00460	-220.00	11.00	0.00460
-220.00	9.00	0.00462	-220.00	-9.00	0.00172
-220.00	-11.00	0.00157	-220.00	-13.00	0.00148
-220.00	-15.00	0.00141	-220.00	-17.00	0.00135
-220.00	-20.00	0.00129	-220.00	-25.00	0.00121
-220.00	-30.00	0.00114	-220.00	-40.00	0.00102
-220.00	-50.00	0.00092	-220.00	-60.00	0.00083
-220.00	-70.00	0.00075	-220.00	-80.00	0.00068
-220.00	-90.00	0.00062	-220.00	-100.00	0.00057
-210.00	100.00	0.00267	-210.00	90.00	0.00291
-210.00	80.00	0.00320	-210.00	70.00	0.00354
-210.00	60.00	0.00393	-210.00	50.00	0.00437
-210.00	40.00	0.00486	-210.00	30.00	0.00534
-210.00	25.00	0.00555	-210.00	20.00	0.00572
-210.00	17.00	0.00579	-210.00	15.00	0.00583

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-210.00	13.00	0.00586	-210.00	11.00	0.00589
-210.00	9.00	0.00593	-210.00	-9.00	0.00268
-210.00	-11.00	0.00248	-210.00	-13.00	0.00231
-210.00	-15.00	0.00217	-210.00	-17.00	0.00204
-210.00	-20.00	0.00188	-210.00	-25.00	0.00168
-210.00	-30.00	0.00152	-210.00	-40.00	0.00130
-210.00	-50.00	0.00113	-210.00	-60.00	0.00099
-210.00	-70.00	0.00088	-210.00	-80.00	0.00078
-210.00	-90.00	0.00070	-210.00	-100.00	0.00064
-200.00	100.00	0.00287	-200.00	90.00	0.00315
-200.00	80.00	0.00347	-200.00	70.00	0.00385
-200.00	60.00	0.00430	-200.00	50.00	0.00481
-200.00	40.00	0.00538	-200.00	30.00	0.00597
-200.00	25.00	0.00624	-200.00	20.00	0.00647

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

17:49:44

\*\*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
-200.00	17.00	0.00657	-200.00	15.00	0.00661
-200.00	13.00	0.00664	-200.00	11.00	0.00665
-200.00	9.00	0.00667	-200.00	-9.00	0.00330
-200.00	-11.00	0.00310	-200.00	-13.00	0.00294
-200.00	-15.00	0.00280	-200.00	-17.00	0.00267
-200.00	-20.00	0.00249	-200.00	-25.00	0.00222
-200.00	-30.00	0.00199	-200.00	-40.00	0.00164
-200.00	-50.00	0.00138	-200.00	-60.00	0.00118
-200.00	-70.00	0.00103	-200.00	-80.00	0.00090
-200.00	-90.00	0.00080	-200.00	-100.00	0.00072
-190.00	100.00	0.00304	-190.00	90.00	0.00334
-190.00	80.00	0.00370	-190.00	70.00	0.00411
-190.00	60.00	0.00460	-190.00	50.00	0.00516
-190.00	40.00	0.00579	-190.00	30.00	0.00645
-190.00	25.00	0.00676	-190.00	20.00	0.00700
-190.00	17.00	0.00709	-190.00	15.00	0.00713
-190.00	13.00	0.00715	-190.00	11.00	0.00716
-190.00	9.00	0.00717	-190.00	-9.00	0.00373
-190.00	-11.00	0.00355	-190.00	-13.00	0.00339
-190.00	-15.00	0.00325	-190.00	-17.00	0.00313

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-190.00	-20.00	0.00295	-190.00	-25.00	0.00268
-190.00	-30.00	0.00243	-190.00	-40.00	0.00199
-190.00	-50.00	0.00165	-190.00	-60.00	0.00139
-190.00	-70.00	0.00119	-190.00	-80.00	0.00103
-190.00	-90.00	0.00091	-190.00	-100.00	0.00081
-180.00	100.00	0.00319	-180.00	90.00	0.00351
-180.00	80.00	0.00389	-180.00	70.00	0.00433
-180.00	60.00	0.00485	-180.00	50.00	0.00545
-180.00	40.00	0.00613	-180.00	30.00	0.00683
-180.00	25.00	0.00715	-180.00	20.00	0.00739
-180.00	17.00	0.00747	-180.00	15.00	0.00751
-180.00	13.00	0.00753	-180.00	11.00	0.00753
-180.00	9.00	0.00754	-180.00	-9.00	0.00407
-180.00	-11.00	0.00388	-180.00	-13.00	0.00373
-180.00	-15.00	0.00359	-180.00	-17.00	0.00347
-180.00	-20.00	0.00329	-180.00	-25.00	0.00303
-180.00	-30.00	0.00278	-180.00	-40.00	0.00231
-180.00	-50.00	0.00192	-180.00	-60.00	0.00161
-180.00	-70.00	0.00137	-180.00	-80.00	0.00117
-180.00	-90.00	0.00102	-180.00	-100.00	0.00090

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: 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	0.00333	-170.00	90.00	0.00366
-170.00	80.00	0.00406	-170.00	70.00	0.00452
-170.00	60.00	0.00507	-170.00	50.00	0.00570
-170.00	40.00	0.00641	-170.00	30.00	0.00713
-170.00	25.00	0.00744	-170.00	20.00	0.00768
-170.00	17.00	0.00777	-170.00	15.00	0.00781
-170.00	13.00	0.00782	-170.00	11.00	0.00782
-170.00	9.00	0.00783	-170.00	-9.00	0.00434
-170.00	-11.00	0.00415	-170.00	-13.00	0.00400
-170.00	-15.00	0.00386	-170.00	-17.00	0.00374
-170.00	-20.00	0.00356	-170.00	-25.00	0.00330
-170.00	-30.00	0.00305	-170.00	-40.00	0.00258
-170.00	-50.00	0.00216	-170.00	-60.00	0.00182
-170.00	-70.00	0.00154	-170.00	-80.00	0.00132

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-170.00	-90.00	0.00114	-170.00	-100.00	0.00100
-160.00	100.00	0.00344	-160.00	90.00	0.00379
-160.00	80.00	0.00420	-160.00	70.00	0.00468
-160.00	60.00	0.00525	-160.00	50.00	0.00591
-160.00	40.00	0.00663	-160.00	30.00	0.00736
-160.00	25.00	0.00767	-160.00	20.00	0.00791
-160.00	17.00	0.00801	-160.00	15.00	0.00804
-160.00	13.00	0.00805	-160.00	11.00	0.00805
-160.00	9.00	0.00806	-160.00	-9.00	0.00456
-160.00	-11.00	0.00436	-160.00	-13.00	0.00421
-160.00	-15.00	0.00408	-160.00	-17.00	0.00395
-160.00	-20.00	0.00378	-160.00	-25.00	0.00351
-160.00	-30.00	0.00326	-160.00	-40.00	0.00279
-160.00	-50.00	0.00237	-160.00	-60.00	0.00200
-160.00	-70.00	0.00170	-160.00	-80.00	0.00146
-160.00	-90.00	0.00126	-160.00	-100.00	0.00110
-150.00	100.00	0.00355	-150.00	90.00	0.00391
-150.00	80.00	0.00433	-150.00	70.00	0.00483
-150.00	60.00	0.00541	-150.00	50.00	0.00608
-150.00	40.00	0.00681	-150.00	30.00	0.00754
-150.00	25.00	0.00786	-150.00	20.00	0.00811
-150.00	17.00	0.00820	-150.00	15.00	0.00823
-150.00	13.00	0.00824	-150.00	11.00	0.00825
-150.00	9.00	0.00825	-150.00	-9.00	0.00474
-150.00	-11.00	0.00454	-150.00	-13.00	0.00438
-150.00	-15.00	0.00425	-150.00	-17.00	0.00413

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

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

17:49:44

\*\*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	-20.00	0.00396	-150.00	-25.00	0.00368
-150.00	-30.00	0.00343	-150.00	-40.00	0.00296
-150.00	-50.00	0.00253	-150.00	-60.00	0.00216
-150.00	-70.00	0.00185	-150.00	-80.00	0.00159
-150.00	-90.00	0.00137	-150.00	-100.00	0.00120
-140.00	100.00	0.00364	-140.00	90.00	0.00401
-140.00	80.00	0.00444	-140.00	70.00	0.00495
-140.00	60.00	0.00555	-140.00	50.00	0.00623

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-140.00	40.00	0.00696	-140.00	30.00	0.00769	
-140.00	25.00	0.00802	-140.00	20.00	0.00826	
-140.00	17.00	0.00835	-140.00	15.00	0.00838	
-140.00	13.00	0.00840	-140.00	11.00	0.00841	
-140.00	9.00	0.00842	-140.00	-9.00	0.00489	
-140.00	-11.00	0.00469	-140.00	-13.00	0.00452	
-140.00	-15.00	0.00439	-140.00	-17.00	0.00427	
-140.00	-20.00	0.00410	-140.00	-25.00	0.00383	
-140.00	-30.00	0.00357	-140.00	-40.00	0.00310	
-140.00	-50.00	0.00267	-140.00	-60.00	0.00230	
-140.00	-70.00	0.00197	-140.00	-80.00	0.00170	
-140.00	-90.00	0.00148	-140.00	-100.00	0.00129	
-130.00	100.00	0.00372	-130.00	90.00	0.00410	
-130.00	80.00	0.00455	-130.00	70.00	0.00506	
-130.00	60.00	0.00567	-130.00	50.00	0.00635	
-130.00	40.00	0.00709	-130.00	30.00	0.00782	
-130.00	25.00	0.00814	-130.00	20.00	0.00839	
-130.00	17.00	0.00848	-130.00	15.00	0.00852	
-130.00	13.00	0.00853	-130.00	11.00	0.00854	
-130.00	9.00	0.00855	-130.00	-9.00	0.00500	
-130.00	-11.00	0.00481	-130.00	-13.00	0.00465	
-130.00	-15.00	0.00451	-130.00	-17.00	0.00439	
-130.00	-20.00	0.00422	-130.00	-25.00	0.00395	
-130.00	-30.00	0.00369	-130.00	-40.00	0.00322	
-130.00	-50.00	0.00279	-130.00	-60.00	0.00241	
-130.00	-70.00	0.00209	-130.00	-80.00	0.00181	
-130.00	-90.00	0.00157	-130.00	-100.00	0.00138	
-120.00	100.00	0.00380	-120.00	90.00	0.00419	
-120.00	80.00	0.00464	-120.00	70.00	0.00516	
-120.00	60.00	0.00577	-120.00	50.00	0.00645	
-120.00	40.00	0.00719	-120.00	30.00	0.00793	
-120.00	25.00	0.00825	-120.00	20.00	0.00850	

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
-120.00	17.00	0.00859	-120.00	15.00	0.00863
-120.00	13.00	0.00864	-120.00	11.00	0.00865

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
-120.00	9.00	0.00865	-120.00	-9.00	0.00507
-120.00	-11.00	0.00489	-120.00	-13.00	0.00475
-120.00	-15.00	0.00462	-120.00	-17.00	0.00449
-120.00	-20.00	0.00432	-120.00	-25.00	0.00406
-120.00	-30.00	0.00380	-120.00	-40.00	0.00332
-120.00	-50.00	0.00289	-120.00	-60.00	0.00251
-120.00	-70.00	0.00218	-120.00	-80.00	0.00190
-120.00	-90.00	0.00166	-120.00	-100.00	0.00146
-110.00	100.00	0.00387	-110.00	90.00	0.00426
-110.00	80.00	0.00472	-110.00	70.00	0.00524
-110.00	60.00	0.00585	-110.00	50.00	0.00654
-110.00	40.00	0.00728	-110.00	30.00	0.00802
-110.00	25.00	0.00834	-110.00	20.00	0.00859
-110.00	17.00	0.00868	-110.00	15.00	0.00872
-110.00	13.00	0.00873	-110.00	11.00	0.00873
-110.00	9.00	0.00874	-110.00	-9.00	0.00516
-110.00	-11.00	0.00497	-110.00	-13.00	0.00482
-110.00	-15.00	0.00470	-110.00	-17.00	0.00458
-110.00	-20.00	0.00441	-110.00	-25.00	0.00414
-110.00	-30.00	0.00389	-110.00	-40.00	0.00341
-110.00	-50.00	0.00297	-110.00	-60.00	0.00259
-110.00	-70.00	0.00226	-110.00	-80.00	0.00198
-110.00	-90.00	0.00174	-110.00	-100.00	0.00153
-100.00	100.00	0.00393	-100.00	90.00	0.00433
-100.00	80.00	0.00479	-100.00	70.00	0.00532
-100.00	60.00	0.00593	-100.00	50.00	0.00661
-100.00	40.00	0.00736	-100.00	30.00	0.00810
-100.00	25.00	0.00842	-100.00	20.00	0.00867
-100.00	17.00	0.00876	-100.00	15.00	0.00880
-100.00	13.00	0.00881	-100.00	11.00	0.00881
-100.00	9.00	0.00882	-100.00	-9.00	0.00523
-100.00	-11.00	0.00505	-100.00	-13.00	0.00490
-100.00	-15.00	0.00477	-100.00	-17.00	0.00465
-100.00	-20.00	0.00448	-100.00	-25.00	0.00422
-100.00	-30.00	0.00396	-100.00	-40.00	0.00348
-100.00	-50.00	0.00305	-100.00	-60.00	0.00266
-100.00	-70.00	0.00233	-100.00	-80.00	0.00205
-100.00	-90.00	0.00180	-100.00	-100.00	0.00159

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

17:49:44  
\*\*MODELOPTs:  
PAGE 129

CONC      URBAN FLAT      FLGPOL      DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
INCLUDING SOURCE(S):      NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
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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	0.00399	-90.00	90.00	0.00439	
-90.00	80.00	0.00485	-90.00	70.00	0.00538	
-90.00	60.00	0.00599	-90.00	50.00	0.00668	
-90.00	40.00	0.00743	-90.00	30.00	0.00817	
-90.00	25.00	0.00849	-90.00	20.00	0.00874	
-90.00	17.00	0.00883	-90.00	15.00	0.00886	
-90.00	13.00	0.00888	-90.00	11.00	0.00888	
-90.00	9.00	0.00889	-90.00	-9.00	0.00529	
-90.00	-11.00	0.00511	-90.00	-13.00	0.00496	
-90.00	-15.00	0.00483	-90.00	-17.00	0.00471	
-90.00	-20.00	0.00454	-90.00	-25.00	0.00428	
-90.00	-30.00	0.00402	-90.00	-40.00	0.00355	
-90.00	-50.00	0.00311	-90.00	-60.00	0.00273	
-90.00	-70.00	0.00239	-90.00	-80.00	0.00211	
-90.00	-90.00	0.00186	-90.00	-100.00	0.00165	
-80.00	100.00	0.00404	-80.00	90.00	0.00444	
-80.00	80.00	0.00490	-80.00	70.00	0.00543	
-80.00	60.00	0.00605	-80.00	50.00	0.00674	
-80.00	40.00	0.00749	-80.00	30.00	0.00823	
-80.00	25.00	0.00855	-80.00	20.00	0.00879	
-80.00	17.00	0.00889	-80.00	15.00	0.00893	
-80.00	13.00	0.00894	-80.00	11.00	0.00894	
-80.00	9.00	0.00894	-80.00	-9.00	0.00536	
-80.00	-11.00	0.00516	-80.00	-13.00	0.00502	
-80.00	-15.00	0.00488	-80.00	-17.00	0.00476	
-80.00	-20.00	0.00459	-80.00	-25.00	0.00433	
-80.00	-30.00	0.00408	-80.00	-40.00	0.00360	
-80.00	-50.00	0.00317	-80.00	-60.00	0.00278	
-80.00	-70.00	0.00245	-80.00	-80.00	0.00216	
-80.00	-90.00	0.00192	-80.00	-100.00	0.00170	
-70.00	100.00	0.00408	-70.00	90.00	0.00448	
-70.00	80.00	0.00495	-70.00	70.00	0.00548	
-70.00	60.00	0.00610	-70.00	50.00	0.00679	
-70.00	40.00	0.00754	-70.00	30.00	0.00828	
-70.00	25.00	0.00860	-70.00	20.00	0.00885	
-70.00	17.00	0.00895	-70.00	15.00	0.00898	
-70.00	13.00	0.00899	-70.00	11.00	0.00899	
-70.00	9.00	0.00899	-70.00	-9.00	0.00541	
-70.00	-11.00	0.00521	-70.00	-13.00	0.00506	
-70.00	-15.00	0.00493	-70.00	-17.00	0.00481	

17:49:44  
 \*\*MODELOPTs:  
 PAGE 130  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-70.00	-20.00	0.00464	-70.00	-25.00	0.00438
-70.00	-30.00	0.00413	-70.00	-40.00	0.00365
-70.00	-50.00	0.00322	-70.00	-60.00	0.00283
-70.00	-70.00	0.00250	-70.00	-80.00	0.00221
-70.00	-90.00	0.00196	-70.00	-100.00	0.00175
-60.00	100.00	0.00412	-60.00	90.00	0.00453
-60.00	80.00	0.00499	-60.00	70.00	0.00553
-60.00	60.00	0.00614	-60.00	50.00	0.00683
-60.00	40.00	0.00758	-60.00	30.00	0.00832
-60.00	25.00	0.00865	-60.00	20.00	0.00890
-60.00	17.00	0.00899	-60.00	15.00	0.00903
-60.00	13.00	0.00904	-60.00	11.00	0.00904
-60.00	9.00	0.00904	-60.00	-9.00	0.00546
-60.00	-11.00	0.00526	-60.00	-13.00	0.00510
-60.00	-15.00	0.00497	-60.00	-17.00	0.00485
-60.00	-20.00	0.00468	-60.00	-25.00	0.00442
-60.00	-30.00	0.00417	-60.00	-40.00	0.00369
-60.00	-50.00	0.00326	-60.00	-60.00	0.00287
-60.00	-70.00	0.00254	-60.00	-80.00	0.00225
-60.00	-90.00	0.00200	-60.00	-100.00	0.00179
-50.00	100.00	0.00416	-50.00	90.00	0.00456
-50.00	80.00	0.00503	-50.00	70.00	0.00556
-50.00	60.00	0.00618	-50.00	50.00	0.00687
-50.00	40.00	0.00762	-50.00	30.00	0.00837
-50.00	25.00	0.00869	-50.00	20.00	0.00894
-50.00	17.00	0.00903	-50.00	15.00	0.00906
-50.00	13.00	0.00908	-50.00	11.00	0.00909
-50.00	9.00	0.00909	-50.00	-9.00	0.00550
-50.00	-11.00	0.00530	-50.00	-13.00	0.00514
-50.00	-15.00	0.00501	-50.00	-17.00	0.00489
-50.00	-20.00	0.00472	-50.00	-25.00	0.00446
-50.00	-30.00	0.00420	-50.00	-40.00	0.00373
-50.00	-50.00	0.00330	-50.00	-60.00	0.00291
-50.00	-70.00	0.00258	-50.00	-80.00	0.00229

X	Y	CONC	X	Y	CONC
-50.00	-90.00	0.00204	-50.00	-100.00	0.00183
-40.00	100.00	0.00419	-40.00	90.00	0.00459
-40.00	80.00	0.00506	-40.00	70.00	0.00560
-40.00	60.00	0.00621	-40.00	50.00	0.00691
-40.00	40.00	0.00766	-40.00	30.00	0.00840
-40.00	25.00	0.00873	-40.00	20.00	0.00898

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

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

17:49:44

\*\*MODELOPTs:  
 PAGE 131

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-40.00	17.00	0.00907	-40.00	15.00	0.00910
-40.00	13.00	0.00912	-40.00	11.00	0.00912
-40.00	9.00	0.00913	-40.00	-9.00	0.00553
-40.00	-11.00	0.00534	-40.00	-13.00	0.00518
-40.00	-15.00	0.00504	-40.00	-17.00	0.00492
-40.00	-20.00	0.00476	-40.00	-25.00	0.00449
-40.00	-30.00	0.00424	-40.00	-40.00	0.00376
-40.00	-50.00	0.00333	-40.00	-60.00	0.00295
-40.00	-70.00	0.00261	-40.00	-80.00	0.00232
-40.00	-90.00	0.00207	-40.00	-100.00	0.00186
-30.00	100.00	0.00422	-30.00	90.00	0.00462
-30.00	80.00	0.00509	-30.00	70.00	0.00563
-30.00	60.00	0.00625	-30.00	50.00	0.00694
-30.00	40.00	0.00769	-30.00	30.00	0.00843
-30.00	25.00	0.00876	-30.00	20.00	0.00901
-30.00	17.00	0.00910	-30.00	15.00	0.00913
-30.00	13.00	0.00915	-30.00	11.00	0.00915
-30.00	9.00	0.00915	-30.00	-9.00	0.00553
-30.00	-11.00	0.00535	-30.00	-13.00	0.00520
-30.00	-15.00	0.00507	-30.00	-17.00	0.00495
-30.00	-20.00	0.00478	-30.00	-25.00	0.00452
-30.00	-30.00	0.00427	-30.00	-40.00	0.00379
-30.00	-50.00	0.00336	-30.00	-60.00	0.00298
-30.00	-70.00	0.00264	-30.00	-80.00	0.00235
-30.00	-90.00	0.00210	-30.00	-100.00	0.00189
-20.00	100.00	0.00424	-20.00	90.00	0.00465
-20.00	80.00	0.00512	-20.00	70.00	0.00566
-20.00	60.00	0.00627	-20.00	50.00	0.00697

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
-20.00	40.00	0.00772	-20.00	30.00	0.00846	
-20.00	25.00	0.00878	-20.00	20.00	0.00903	
-20.00	17.00	0.00913	-20.00	15.00	0.00916	
-20.00	13.00	0.00917	-20.00	11.00	0.00917	
-20.00	9.00	0.00918	-20.00	-9.00	0.00556	
-20.00	-11.00	0.00537	-20.00	-13.00	0.00522	
-20.00	-15.00	0.00509	-20.00	-17.00	0.00497	
-20.00	-20.00	0.00481	-20.00	-25.00	0.00455	
-20.00	-30.00	0.00430	-20.00	-40.00	0.00382	
-20.00	-50.00	0.00339	-20.00	-60.00	0.00300	
-20.00	-70.00	0.00267	-20.00	-80.00	0.00238	
-20.00	-90.00	0.00213	-20.00	-100.00	0.00191	

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

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

17:49:44  
 \*\*MODELOPTs:  
 PAGE 132

CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-10.00	100.00	0.00426	-10.00	90.00	0.00467
-10.00	80.00	0.00514	-10.00	70.00	0.00568
-10.00	60.00	0.00630	-10.00	50.00	0.00699
-10.00	40.00	0.00775	-10.00	30.00	0.00849
-10.00	25.00	0.00881	-10.00	20.00	0.00906
-10.00	17.00	0.00915	-10.00	15.00	0.00918
-10.00	13.00	0.00920	-10.00	11.00	0.00920
-10.00	9.00	0.00920	-10.00	-9.00	0.00558
-10.00	-11.00	0.00540	-10.00	-13.00	0.00525
-10.00	-15.00	0.00511	-10.00	-17.00	0.00500
-10.00	-20.00	0.00483	-10.00	-25.00	0.00457
-10.00	-30.00	0.00432	-10.00	-40.00	0.00384
-10.00	-50.00	0.00341	-10.00	-60.00	0.00303
-10.00	-70.00	0.00269	-10.00	-80.00	0.00240
-10.00	-90.00	0.00215	-10.00	-100.00	0.00194
0.00	100.00	0.00428	0.00	90.00	0.00469
0.00	80.00	0.00516	0.00	70.00	0.00570
0.00	60.00	0.00632	0.00	50.00	0.00702
0.00	40.00	0.00777	0.00	30.00	0.00851
0.00	25.00	0.00883	0.00	20.00	0.00908
0.00	17.00	0.00917	0.00	15.00	0.00920
0.00	13.00	0.00922	0.00	11.00	0.00922

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound					
0.00	9.00	0.00922	0.00	-9.00	0.00560
0.00	-11.00	0.00542	0.00	-13.00	0.00527
0.00	-15.00	0.00513	0.00	-17.00	0.00501
0.00	-20.00	0.00485	0.00	-25.00	0.00459
0.00	-30.00	0.00434	0.00	-40.00	0.00387
0.00	-50.00	0.00343	0.00	-60.00	0.00305
0.00	-70.00	0.00271	0.00	-80.00	0.00242
0.00	-90.00	0.00217	0.00	-100.00	0.00196
10.00	100.00	0.00429	10.00	90.00	0.00470
10.00	80.00	0.00518	10.00	70.00	0.00572
10.00	60.00	0.00634	10.00	50.00	0.00704
10.00	40.00	0.00779	10.00	30.00	0.00853
10.00	25.00	0.00885	10.00	20.00	0.00910
10.00	17.00	0.00919	10.00	15.00	0.00922
10.00	13.00	0.00924	10.00	11.00	0.00923
10.00	9.00	0.00923	10.00	-9.00	0.00563
10.00	-11.00	0.00543	10.00	-13.00	0.00528
10.00	-15.00	0.00515	10.00	-17.00	0.00503

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
04/18/08  
17:49:44      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*MODELOPTs:  
PAGE 133

CONC                      URBAN FLAT    FLGPOL DFAULT

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

** CONC OF OTHER            IN MICROGRAMS/M**3                      **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
10.00	-20.00	0.00486	10.00	-25.00	0.00460
10.00	-30.00	0.00435	10.00	-40.00	0.00388
10.00	-50.00	0.00345	10.00	-60.00	0.00307
10.00	-70.00	0.00273	10.00	-80.00	0.00244
10.00	-90.00	0.00219	10.00	-100.00	0.00197
20.00	100.00	0.00430	20.00	90.00	0.00472
20.00	80.00	0.00519	20.00	70.00	0.00574
20.00	60.00	0.00636	20.00	50.00	0.00705
20.00	40.00	0.00781	20.00	30.00	0.00855
20.00	25.00	0.00887	20.00	20.00	0.00912
20.00	17.00	0.00921	20.00	15.00	0.00924
20.00	13.00	0.00925	20.00	11.00	0.00925
20.00	9.00	0.00925	20.00	-9.00	0.00565
20.00	-11.00	0.00545	20.00	-13.00	0.00530
20.00	-15.00	0.00517	20.00	-17.00	0.00505
20.00	-20.00	0.00488	20.00	-25.00	0.00461

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
20.00	-30.00	0.00437	20.00	-40.00	0.00390	
20.00	-50.00	0.00347	20.00	-60.00	0.00308	
20.00	-70.00	0.00275	20.00	-80.00	0.00246	
20.00	-90.00	0.00221	20.00	-100.00	0.00199	
30.00	100.00	0.00431	30.00	90.00	0.00473	
30.00	80.00	0.00520	30.00	70.00	0.00575	
30.00	60.00	0.00637	30.00	50.00	0.00707	
30.00	40.00	0.00782	30.00	30.00	0.00856	
30.00	25.00	0.00889	30.00	20.00	0.00913	
30.00	17.00	0.00922	30.00	15.00	0.00925	
30.00	13.00	0.00926	30.00	11.00	0.00926	
30.00	9.00	0.00926	30.00	-9.00	0.00567	
30.00	-11.00	0.00546	30.00	-13.00	0.00531	
30.00	-15.00	0.00518	30.00	-17.00	0.00506	
30.00	-20.00	0.00489	30.00	-25.00	0.00463	
30.00	-30.00	0.00438	30.00	-40.00	0.00391	
30.00	-50.00	0.00348	30.00	-60.00	0.00310	
30.00	-70.00	0.00276	30.00	-80.00	0.00247	
30.00	-90.00	0.00222	30.00	-100.00	0.00200	
40.00	100.00	0.00432	40.00	90.00	0.00474	
40.00	80.00	0.00521	40.00	70.00	0.00576	
40.00	60.00	0.00638	40.00	50.00	0.00708	
40.00	40.00	0.00783	40.00	30.00	0.00857	
40.00	25.00	0.00890	40.00	20.00	0.00914	

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

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

17:49:44  
 \*\*MODELOPTs:  
 PAGE 134  
 CONC

URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00923	40.00	15.00	0.00926
40.00	13.00	0.00928	40.00	11.00	0.00928
40.00	9.00	0.00928	40.00	-9.00	0.00568
40.00	-11.00	0.00548	40.00	-13.00	0.00532
40.00	-15.00	0.00518	40.00	-17.00	0.00507
40.00	-20.00	0.00490	40.00	-25.00	0.00464
40.00	-30.00	0.00439	40.00	-40.00	0.00392
40.00	-50.00	0.00349	40.00	-60.00	0.00311
40.00	-70.00	0.00278	40.00	-80.00	0.00248
40.00	-90.00	0.00223	40.00	-100.00	0.00202

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
50.00	100.00	0.00432	50.00	90.00	0.00474	
50.00	80.00	0.00522	50.00	70.00	0.00577	
50.00	60.00	0.00639	50.00	50.00	0.00709	
50.00	40.00	0.00784	50.00	30.00	0.00858	
50.00	25.00	0.00891	50.00	20.00	0.00915	
50.00	17.00	0.00924	50.00	15.00	0.00927	
50.00	13.00	0.00929	50.00	11.00	0.00929	
50.00	9.00	0.00929	50.00	-9.00	0.00568	
50.00	-11.00	0.00549	50.00	-13.00	0.00533	
50.00	-15.00	0.00519	50.00	-17.00	0.00508	
50.00	-20.00	0.00491	50.00	-25.00	0.00465	
50.00	-30.00	0.00440	50.00	-40.00	0.00393	
50.00	-50.00	0.00350	50.00	-60.00	0.00312	
50.00	-70.00	0.00279	50.00	-80.00	0.00249	
50.00	-90.00	0.00224	50.00	-100.00	0.00203	
60.00	100.00	0.00432	60.00	90.00	0.00474	
60.00	80.00	0.00522	60.00	70.00	0.00577	
60.00	60.00	0.00640	60.00	50.00	0.00710	
60.00	40.00	0.00785	60.00	30.00	0.00859	
60.00	25.00	0.00891	60.00	20.00	0.00916	
60.00	17.00	0.00925	60.00	15.00	0.00928	
60.00	13.00	0.00929	60.00	11.00	0.00929	
60.00	9.00	0.00929	60.00	-9.00	0.00566	
60.00	-11.00	0.00548	60.00	-13.00	0.00533	
60.00	-15.00	0.00520	60.00	-17.00	0.00508	
60.00	-20.00	0.00491	60.00	-25.00	0.00466	
60.00	-30.00	0.00440	60.00	-40.00	0.00394	
60.00	-50.00	0.00351	60.00	-60.00	0.00313	
60.00	-70.00	0.00279	60.00	-80.00	0.00250	
60.00	-90.00	0.00225	60.00	-100.00	0.00204	

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

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

17:49:44

\*\*MODELOPTs:  
PAGE 135

CONC URBAN FLAT FLGPOL DFAULT

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

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
70.00	100.00	0.00431	70.00	90.00	0.00473
70.00	80.00	0.00522	70.00	70.00	0.00577
70.00	60.00	0.00640	70.00	50.00	0.00710
70.00	40.00	0.00786	70.00	30.00	0.00860

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
70.00	25.00	0.00892	70.00	20.00	0.00916	
70.00	17.00	0.00925	70.00	15.00	0.00929	
70.00	13.00	0.00930	70.00	11.00	0.00929	
70.00	9.00	0.00929	70.00	-9.00	0.00567	
70.00	-11.00	0.00548	70.00	-13.00	0.00533	
70.00	-15.00	0.00520	70.00	-17.00	0.00508	
70.00	-20.00	0.00492	70.00	-25.00	0.00466	
70.00	-30.00	0.00441	70.00	-40.00	0.00394	
70.00	-50.00	0.00351	70.00	-60.00	0.00313	
70.00	-70.00	0.00280	70.00	-80.00	0.00251	
70.00	-90.00	0.00226	70.00	-100.00	0.00204	
80.00	100.00	0.00430	80.00	90.00	0.00473	
80.00	80.00	0.00521	80.00	70.00	0.00577	
80.00	60.00	0.00640	80.00	50.00	0.00710	
80.00	40.00	0.00786	80.00	30.00	0.00860	
80.00	25.00	0.00892	80.00	20.00	0.00916	
80.00	17.00	0.00925	80.00	15.00	0.00928	
80.00	13.00	0.00930	80.00	11.00	0.00929	
80.00	9.00	0.00929	80.00	-9.00	0.00567	
80.00	-11.00	0.00548	80.00	-13.00	0.00533	
80.00	-15.00	0.00520	80.00	-17.00	0.00508	
80.00	-20.00	0.00492	80.00	-25.00	0.00466	
80.00	-30.00	0.00441	80.00	-40.00	0.00395	
80.00	-50.00	0.00352	80.00	-60.00	0.00314	
80.00	-70.00	0.00280	80.00	-80.00	0.00251	
80.00	-90.00	0.00226	80.00	-100.00	0.00205	
90.00	100.00	0.00429	90.00	90.00	0.00471	
90.00	80.00	0.00520	90.00	70.00	0.00576	
90.00	60.00	0.00639	90.00	50.00	0.00710	
90.00	40.00	0.00786	90.00	30.00	0.00860	
90.00	25.00	0.00892	90.00	20.00	0.00916	
90.00	17.00	0.00925	90.00	15.00	0.00928	
90.00	13.00	0.00929	90.00	11.00	0.00929	
90.00	9.00	0.00929	90.00	-9.00	0.00566	
90.00	-11.00	0.00548	90.00	-13.00	0.00533	
90.00	-15.00	0.00520	90.00	-17.00	0.00508	

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

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

17:49:44  
\*\*MODELOPTs:  
PAGE 136

CONC URBAN FLAT FLGPOL DFAULT

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

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

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



01NCRA\_SR01-300\_DPM\_TRAV\_ANN\_E-W Bound

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00491	90.00	-25.00	0.00466
90.00	-30.00	0.00441	90.00	-40.00	0.00395
90.00	-50.00	0.00352	90.00	-60.00	0.00314
90.00	-70.00	0.00280	90.00	-80.00	0.00252
90.00	-90.00	0.00227	90.00	-100.00	0.00205
100.00	100.00	0.00427	100.00	90.00	0.00469
100.00	80.00	0.00518	100.00	70.00	0.00574
100.00	60.00	0.00638	100.00	50.00	0.00709
100.00	40.00	0.00785	100.00	30.00	0.00860
100.00	25.00	0.00892	100.00	20.00	0.00916
100.00	17.00	0.00925	100.00	15.00	0.00928
100.00	13.00	0.00929	100.00	11.00	0.00928
100.00	9.00	0.00928	100.00	-9.00	0.00567
100.00	-11.00	0.00547	100.00	-13.00	0.00532
100.00	-15.00	0.00519	100.00	-17.00	0.00507
100.00	-20.00	0.00491	100.00	-25.00	0.00465
100.00	-30.00	0.00441	100.00	-40.00	0.00394
100.00	-50.00	0.00352	100.00	-60.00	0.00314
100.00	-70.00	0.00280	100.00	-80.00	0.00252
100.00	-90.00	0.00227	100.00	-100.00	0.00205
110.00	100.00	0.00424	110.00	90.00	0.00467
110.00	80.00	0.00516	110.00	70.00	0.00572
110.00	60.00	0.00636	110.00	50.00	0.00708
110.00	40.00	0.00785	110.00	30.00	0.00859
110.00	25.00	0.00891	110.00	20.00	0.00915
110.00	17.00	0.00924	110.00	15.00	0.00927
110.00	13.00	0.00928	110.00	11.00	0.00927
110.00	9.00	0.00927	110.00	-9.00	0.00566
110.00	-11.00	0.00546	110.00	-13.00	0.00531
110.00	-15.00	0.00519	110.00	-17.00	0.00507
110.00	-20.00	0.00490	110.00	-25.00	0.00464
110.00	-30.00	0.00440	110.00	-40.00	0.00394
110.00	-50.00	0.00351	110.00	-60.00	0.00313
110.00	-70.00	0.00280	110.00	-80.00	0.00251
110.00	-90.00	0.00227	110.00	-100.00	0.00205
120.00	100.00	0.00420	120.00	90.00	0.00463
120.00	80.00	0.00513	120.00	70.00	0.00569
120.00	60.00	0.00634	120.00	50.00	0.00706
120.00	40.00	0.00783	120.00	30.00	0.00858
120.00	25.00	0.00890	120.00	20.00	0.00915

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
120.00	17.00	0.00923	120.00	15.00	0.00926
120.00	13.00	0.00927	120.00	11.00	0.00926
120.00	9.00	0.00926	120.00	-9.00	0.00566
120.00	-11.00	0.00545	120.00	-13.00	0.00530
120.00	-15.00	0.00517	120.00	-17.00	0.00506
120.00	-20.00	0.00489	120.00	-25.00	0.00463
120.00	-30.00	0.00439	120.00	-40.00	0.00393
120.00	-50.00	0.00350	120.00	-60.00	0.00313
120.00	-70.00	0.00279	120.00	-80.00	0.00251
120.00	-90.00	0.00226	120.00	-100.00	0.00206
130.00	100.00	0.00414	130.00	90.00	0.00458
130.00	80.00	0.00508	130.00	70.00	0.00565
130.00	60.00	0.00630	130.00	50.00	0.00703
130.00	40.00	0.00781	130.00	30.00	0.00856
130.00	25.00	0.00889	130.00	20.00	0.00913
130.00	17.00	0.00922	130.00	15.00	0.00924
130.00	13.00	0.00926	130.00	11.00	0.00926
130.00	9.00	0.00925	130.00	-9.00	0.00565
130.00	-11.00	0.00544	130.00	-13.00	0.00528
130.00	-15.00	0.00515	130.00	-17.00	0.00504
130.00	-20.00	0.00488	130.00	-25.00	0.00462
130.00	-30.00	0.00438	130.00	-40.00	0.00392
130.00	-50.00	0.00349	130.00	-60.00	0.00311
130.00	-70.00	0.00279	130.00	-80.00	0.00250
130.00	-90.00	0.00226	130.00	-100.00	0.00205
140.00	100.00	0.00406	140.00	90.00	0.00451
140.00	80.00	0.00501	140.00	70.00	0.00559
140.00	60.00	0.00625	140.00	50.00	0.00698
140.00	40.00	0.00777	140.00	30.00	0.00854
140.00	25.00	0.00887	140.00	20.00	0.00911
140.00	17.00	0.00920	140.00	15.00	0.00922
140.00	13.00	0.00923	140.00	11.00	0.00924
140.00	9.00	0.00923	140.00	-9.00	0.00561
140.00	-11.00	0.00542	140.00	-13.00	0.00527
140.00	-15.00	0.00514	140.00	-17.00	0.00502
140.00	-20.00	0.00486	140.00	-25.00	0.00461

		01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound			
140.00	-30.00	0.00436	140.00	-40.00	0.00390
140.00	-50.00	0.00348	140.00	-60.00	0.00310
140.00	-70.00	0.00278	140.00	-80.00	0.00250
140.00	-90.00	0.00226	140.00	-100.00	0.00205

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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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	0.00396	150.00	90.00	0.00441
150.00	80.00	0.00492	150.00	70.00	0.00551
150.00	60.00	0.00618	150.00	50.00	0.00692
150.00	40.00	0.00772	150.00	30.00	0.00850
150.00	25.00	0.00884	150.00	20.00	0.00908
150.00	17.00	0.00917	150.00	15.00	0.00920
150.00	13.00	0.00921	150.00	11.00	0.00920
150.00	9.00	0.00920	150.00	-9.00	0.00556
150.00	-11.00	0.00538	150.00	-13.00	0.00524
150.00	-15.00	0.00511	150.00	-17.00	0.00500
150.00	-20.00	0.00484	150.00	-25.00	0.00459
150.00	-30.00	0.00434	150.00	-40.00	0.00388
150.00	-50.00	0.00346	150.00	-60.00	0.00308
150.00	-70.00	0.00277	150.00	-80.00	0.00249
150.00	-90.00	0.00225	150.00	-100.00	0.00205
160.00	100.00	0.00384	160.00	90.00	0.00428
160.00	80.00	0.00480	160.00	70.00	0.00540
160.00	60.00	0.00608	160.00	50.00	0.00684
160.00	40.00	0.00765	160.00	30.00	0.00845
160.00	25.00	0.00879	160.00	20.00	0.00904
160.00	17.00	0.00913	160.00	15.00	0.00916
160.00	13.00	0.00917	160.00	11.00	0.00916
160.00	9.00	0.00916	160.00	-9.00	0.00552
160.00	-11.00	0.00534	160.00	-13.00	0.00520
160.00	-15.00	0.00508	160.00	-17.00	0.00496
160.00	-20.00	0.00480	160.00	-25.00	0.00455
160.00	-30.00	0.00431	160.00	-40.00	0.00385
160.00	-50.00	0.00343	160.00	-60.00	0.00307
160.00	-70.00	0.00275	160.00	-80.00	0.00248
160.00	-90.00	0.00224	160.00	-100.00	0.00203

01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
170.00	100.00	0.00368	170.00	90.00	0.00412	
170.00	80.00	0.00463	170.00	70.00	0.00523	
170.00	60.00	0.00593	170.00	50.00	0.00671	
170.00	40.00	0.00755	170.00	30.00	0.00837	
170.00	25.00	0.00872	170.00	20.00	0.00898	
170.00	17.00	0.00908	170.00	15.00	0.00911	
170.00	13.00	0.00912	170.00	11.00	0.00911	
170.00	9.00	0.00911	170.00	-9.00	0.00548	
170.00	-11.00	0.00530	170.00	-13.00	0.00516	
170.00	-15.00	0.00503	170.00	-17.00	0.00492	

1 \*\*\* ICSST3 - 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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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	0.00476	170.00	-25.00	0.00451
170.00	-30.00	0.00427	170.00	-40.00	0.00382
170.00	-50.00	0.00341	170.00	-60.00	0.00305
170.00	-70.00	0.00273	170.00	-80.00	0.00246
170.00	-90.00	0.00222	170.00	-100.00	0.00201
180.00	100.00	0.00350	180.00	90.00	0.00391
180.00	80.00	0.00441	180.00	70.00	0.00500
180.00	60.00	0.00570	180.00	50.00	0.00650
180.00	40.00	0.00738	180.00	30.00	0.00824
180.00	25.00	0.00862	180.00	20.00	0.00890
180.00	17.00	0.00900	180.00	15.00	0.00904
180.00	13.00	0.00906	180.00	11.00	0.00905
180.00	9.00	0.00905	180.00	-9.00	0.00542
180.00	-11.00	0.00524	180.00	-13.00	0.00510
180.00	-15.00	0.00498	180.00	-17.00	0.00487
180.00	-20.00	0.00471	180.00	-25.00	0.00446
180.00	-30.00	0.00422	180.00	-40.00	0.00378
180.00	-50.00	0.00338	180.00	-60.00	0.00302
180.00	-70.00	0.00271	180.00	-80.00	0.00243
180.00	-90.00	0.00219	180.00	-100.00	0.00199
190.00	100.00	0.00328	190.00	90.00	0.00367
190.00	80.00	0.00414	190.00	70.00	0.00470
190.00	60.00	0.00538	190.00	50.00	0.00618
190.00	40.00	0.00710	190.00	30.00	0.00803



01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound						
210.00	-11.00	0.00497	210.00	-13.00	0.00483	
210.00	-15.00	0.00472	210.00	-17.00	0.00462	
210.00	-20.00	0.00447	210.00	-25.00	0.00424	
210.00	-30.00	0.00401	210.00	-40.00	0.00358	
210.00	-50.00	0.00319	210.00	-60.00	0.00285	
210.00	-70.00	0.00255	210.00	-80.00	0.00229	
210.00	-90.00	0.00208	210.00	-100.00	0.00189	
220.00	100.00	0.00251	220.00	90.00	0.00276	
220.00	80.00	0.00306	220.00	70.00	0.00342	
220.00	60.00	0.00385	220.00	50.00	0.00436	
220.00	40.00	0.00497	220.00	30.00	0.00570	
220.00	25.00	0.00612	220.00	20.00	0.00655	
220.00	17.00	0.00682	220.00	15.00	0.00700	
220.00	13.00	0.00719	220.00	11.00	0.00739	
220.00	9.00	0.00763	220.00	-9.00	0.00499	
220.00	-11.00	0.00481	220.00	-13.00	0.00467	
220.00	-15.00	0.00456	220.00	-17.00	0.00446	
220.00	-20.00	0.00431	220.00	-25.00	0.00407	
220.00	-30.00	0.00385	220.00	-40.00	0.00344	
220.00	-50.00	0.00307	220.00	-60.00	0.00274	
220.00	-70.00	0.00246	220.00	-80.00	0.00222	
220.00	-90.00	0.00201	220.00	-100.00	0.00183	

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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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	0.00225	230.00	90.00	0.00246
230.00	80.00	0.00269	230.00	70.00	0.00296
230.00	60.00	0.00327	230.00	50.00	0.00363
230.00	40.00	0.00403	230.00	30.00	0.00446
230.00	25.00	0.00467	230.00	20.00	0.00486
230.00	17.00	0.00496	230.00	15.00	0.00500
230.00	13.00	0.00503	230.00	11.00	0.00504
230.00	9.00	0.00502	230.00	-9.00	0.00431
230.00	-11.00	0.00426	230.00	-13.00	0.00419
230.00	-15.00	0.00413	230.00	-17.00	0.00406
230.00	-20.00	0.00396	230.00	-25.00	0.00377
230.00	-30.00	0.00358	230.00	-40.00	0.00323



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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_S1	1ST HIGHEST VALUE IS 0.00730 AT ( 200.00, 9.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00728 AT ( 200.00, 11.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00725 AT ( 200.00, 13.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00724 AT ( 210.00, 9.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00720 AT ( 190.00, 9.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00720 AT ( 200.00, 15.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00720 AT ( 190.00, 11.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00719 AT ( 190.00, 13.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00717 AT ( 190.00, 15.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00716 AT ( 210.00, 11.00, 0.00, 1.20)	DC	NA	
NCRA_S2	1ST HIGHEST VALUE IS 0.00730 AT ( 110.00, 9.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00728 AT ( 110.00, 11.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00725 AT ( 110.00, 13.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00724 AT ( 120.00, 9.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00720 AT ( 100.00, 9.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00720 AT ( 110.00, 15.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00720 AT ( 100.00, 11.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00719 AT ( 100.00, 13.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00717 AT ( 100.00, 15.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00716 AT ( 120.00, 11.00, 0.00, 1.20)	DC	NA	
NCRA_S3	1ST HIGHEST VALUE IS 0.00730 AT ( 20.00, 9.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00728 AT ( 20.00, 11.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00725 AT ( 20.00, 13.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00724 AT ( 30.00, 9.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00720 AT ( 10.00, 9.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00720 AT ( 20.00, 15.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00720 AT ( 10.00, 11.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00719 AT ( 10.00, 13.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00717 AT ( 10.00, 15.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00716 AT ( 30.00, 11.00, 0.00, 1.20)	DC	NA	

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 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 0.00730 AT ( -70.00, 9.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00728 AT ( -70.00, 11.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00725 AT ( -70.00, 13.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00724 AT ( -60.00, 9.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00720 AT ( -80.00, 9.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00720 AT ( -70.00, 15.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00720 AT ( -80.00, 11.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00719 AT ( -80.00, 13.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00717 AT ( -80.00, 15.00, 0.00, 1.20)	DC	NA	
	10TH HIGHEST VALUE IS 0.00716 AT ( -60.00, 11.00, 0.00, 1.20)	DC	NA	
NCRA_S5	1ST HIGHEST VALUE IS 0.00730 AT ( -160.00, 9.00, 0.00, 1.20)	DC	NA	
	2ND HIGHEST VALUE IS 0.00728 AT ( -160.00, 11.00, 0.00, 1.20)	DC	NA	
	3RD HIGHEST VALUE IS 0.00725 AT ( -160.00, 13.00, 0.00, 1.20)	DC	NA	
	4TH HIGHEST VALUE IS 0.00724 AT ( -150.00, 9.00, 0.00, 1.20)	DC	NA	
	5TH HIGHEST VALUE IS 0.00720 AT ( -170.00, 9.00, 0.00, 1.20)	DC	NA	
	6TH HIGHEST VALUE IS 0.00720 AT ( -160.00, 15.00, 0.00, 1.20)	DC	NA	
	7TH HIGHEST VALUE IS 0.00720 AT ( -170.00, 11.00, 0.00, 1.20)	DC	NA	
	8TH HIGHEST VALUE IS 0.00719 AT ( -170.00, 13.00, 0.00, 1.20)	DC	NA	
	9TH HIGHEST VALUE IS 0.00717 AT ( -170.00, 15.00, 0.00, 1.20)	DC	NA	



		01NCRA_SR01-300_DPM_TRAV_ANN_E-W Bound							
	10TH HIGHEST VALUE IS	0.00716	AT (	-150.00,	11.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.00930	AT (	80.00,	13.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00930	AT (	70.00,	13.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00929	AT (	60.00,	9.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00929	AT (	70.00,	9.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00929	AT (	60.00,	11.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00929	AT (	50.00,	9.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00929	AT (	80.00,	9.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00929	AT (	90.00,	13.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00929	AT (	80.00,	11.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00929	AT (	60.00,	13.00,	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 \*\*\*

17:49:44

\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 8 Informational Message(s)  
 A Total of 8 Calm Hours Identified

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

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

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